



STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 16 STATE HOUSE STATION
 AUGUSTA, MAINE 04333-0016

Janet T. Mills
 GOVERNOR

Bruce A. Van Note
 COMMISSIONER

February 6, 2023
 Subject: Acadia Gateway
 State WIN: 017163.03
 Location: Trenton
 Amendment No. 9

Dear Sir/Ms.:

Please make the following changes to the Bid Documents:

In the Bid Book:

REMOVE from Amendment No. 6, Proposal Schedule of Items, 13 pages, dated 2/1/2023 and **REPLACE** with the attached, revised Proposal Schedule of Items, 13 pages, dated 3/6/2023.

REMOVE pages 121 – 123, SPECIAL PROVISION - SECTION 801 – SANITARY SEWER, 3 pages and **REPLACE** with the attached, revised SPECIAL PROVISION - SECTION 801 – SANITARY SEWER, 21 pages.

REMOVE pages 524 – 531, SECTION 06 41 13 - WOOD-VENEER-FACED ARCHITECTURAL CABINETS, 8 pages, and **REPLACE** with the attached, revised SECTION 06 41 13 - WOOD-VENEER-FACED ARCHITECTURAL CABINETS, 8 pages, labeled Amendment #9.

REMOVE pages 856 – 859, SECTION 12 36 61 – SIMULATED STONE COUNTERTOPS, 4 pages, and **REPLACE** with the attached, revised SECTION 12 36 61 - SIMULATED STONE COUNTERTOPS, 4 pages labeled Amendment #9.

In the Plan Set:

The following sheets are to be **REMOVED** from the existing plan set and then **REPLACED** with the corresponding attached revised sheets:

REMOVE sheet	and REPLACE with sheet
C202	C202
C203	C203
C403	C403
A401	A401
A403	A403
A405	A405
A614	A614
A712	A712

The following questions have been received:

Question: Elevation tags:

- a. A712 (8-11) have a #18 tag for T&G planks
 - i. But yet the elevation does not show (does this room truly get T&G where the #18 tag is?)
 - ii. All other pages have the #18 tag as Acoustic wood-look panels (yet the cut section details show T&G)
 - iii. Please supply brand/make/model for acoustic wood-look panels

Please clarify

Response: Office 109 should have painted gyp walls with slat wall, no wood planks or acoustic wood looks panels. A712 has been updated in Amendment 9.

Question: Regional info area:

- i. All these walls (tagged as tag #18 but shows T&G in cut section) do they get T&G and then the slat walls are over the T&G?
- ii. Or do the slatwalls attach to gyp and the T&G terminates at slatwalls?

Response: These walls were updated in a previous amendment to receive the acoustic wood-looks panels instead of T&G planks. The slat wall will terminate at the acoustic wood-looks panels. Where the slat wall is on a gypsum wall, it will adhere over top of it. Spec section 064113 has been updated in Amendment 9 for the slat wall basis of design.

Question: Is timber frame members rough sawn or dressed? Are actual dimensions less than nominal sizes listed?

Response: Section 061323 Heavy Timber Construction, 2.03 covers Fabrication requirements.

Question: Please clarify foundation coating material. Multiple specifications give differing products. Spec and plan is not clear which products are to be used on foundations and frost walls.

Response: Extent of waterproofing membrane has been updated; All walls to receive waterproofing as specified.

Question: Please supply brand/make/model/color for T2 floor tile.

Response: T2 has been removed from the finish plans in previous amendments.

Question: Spec. Section 123661 Simulated Stone Countertops. Quartz suppliers are saying they cannot find the Terra color that's provided in the A614 finish schedule. Specifications say Silestone product for which the color Terra is not an option. Please specify a color that is available from Silestone.

Response: This color has been changed to Scalea Coffee Brown in spec section 123661 in Amendment 9 and on the Finish Schedule on A614.

Question: Spec 07416 calls for Procor 75 cold fluid applied for waterproofing and for molded, spec 072726 vapor barrier, indicated foundation and walls (p1.4, c, 1) also a fluid applied material, drawings A401-405 indicates a bituminous damp proofing on frost walls and waterproof membranes on basement walls with board insulation and composite drainage board. Please confirm what product/ spec applies to the labeled waterproof membrane on the basement foundation walls.

Response: Extent of waterproofing membrane has been updated; Basement walls are to receive waterproofing membrane as specified.

Question: Will the open area (#106-113) wood panel ceiling require trim at the perimeter of each purlin and timber joist? Wood panel will likely expand and contract as will the timber frame, the paneling should be gapped at perimeter. If so, please include detail specials, finish, size, and shape.

Response: Wood panel ceiling shall be gapped at the perimeter at each purlin and joist. Provide a 1/2" gap.

Question: Drawing A817 shows steel angles attached to curved Glulams over the entrance eyebrows. Please confirm if steel angle will be rolled or if short segmented clips are acceptable at 4' spacing.

Response: The steel angles will need to be rolled and coordinated with the curved curtainwall manufacturer's recommendations and specifications for the attachments.

Question: It appears there are signed and sealed shop drawings & design calculations required for the glulams, but not heavy timbers. Please confirm that the heavy timbers will only require basic shop drawings showing layout, dimensions and connection details; no design calcs or PE stamps?

Response: Correct. unless alternative connections and member sizes are proposed, in which case support calculations will be required.

Question: The roof contains two eyebrow shaped arches, which are not really feasible by current technologies to produce in SIPs. SIP manufacturers are excluding eyebrow areas. How are the eyebrows to be accomplished as SIPs will not work?

Response: Curved SIPs can be custom fabricated and should be priced per the design intent to follow the curved curtainwall and curved glulam beam.

Question: The timber species spec'd (161323) is Doug Fir Kiln dried with "full sized timbers as noted on drawings with S4S surfaces" the drawings sizes called out on the drawings would require us to order the next larger size and plane down every timber to achieve this spec. is this really the desired goal or can the 8 X12 timbers really be 7-1/2" x 11-1/2"?

Response: Nominal timber dimensions were used in design, no rough sawn.

Question: Please confirm open area (#106-113) lighting & sprinklers will include exposed conduit & pipe. If Concealed please indicate chase way.

Response: Open Area has exposed conduit and piping.

Question: Spec section 062013 p 2.3, a, 1 calls for exterior soffits to be painted 5 ½” v- groove Birch. Please confirm you want birch outdoors at soffits.

Response: Section 061516 was provided in Amendment 6 for wood roof decking - see section 2.2.

Question: Spec. 0925427 P2.1, B, f indicates acoustical batts above wood ceiling system. It looks like that could be done on flat wood ceilings (A602), but no room for Batts on sloped ceilings (A603). Please clarify extent of acoustical Batts above wood ceilings.

Response: Acoustical batts above wood ceilings is limited to the flat wood ceilings.

Question: Drawing A614: Finish schedule key FL-1 Stained/Polished conc. Color and remarks reference note #9. Note #9 is not given. Also please explain acid etched amp of Acadia.

Response: Acid Etched map is no longer in project and note #9 has been removed. A614 has been updated in Amendment 9 to remove references to note #9.

Question: The RFI is related to drawing A614 finish type FL-1 and a note that is referenced and not given.

FL-1	STAINED / POLISHED CONCRETE	1ST FLR. OPEN AREAS
SEE NOTE #9	ACID ETCHED "MAP OF ACADIA" - SEE NOTE #9	

Note 9 does not exist. What does acid etched map of Acadia mean? Size, location, depth, quantity of colors.....

Response: Acid Etched map is no longer in project and note #9 has been removed. A614 has been updated in Amendment 9 to remove references to note #9.

Question: Amendment 6 was issued without any updated drawings attached. Amendment #6 narrative indicated drawings A103, A104, A603, A612, A710, A712, A714, A715, A803, A816, A823, A830, A831, SG107 was issued with Amendment 6. Please issue the updated Drawings A103, A104, A603, A612, A710, A712, A714, A715, A803, A816, A823, A830, A831, SG107

Response: These were included in Amendment #7.

Question: Is this project tax exempt?

Response: Yes.

Question: The response in amendment 5 & 6 related to FTA Buy America requirements seems to imply that Buy America is not required for this project. Please confirm if Buy America will be required.

Response: Buy America is required for this project. They follow the previous Buy America rules that were put in place as part of the Fast Act.

Question: Related to the PV system: can the dc disconnect be part of the inverter? This is typical, but not defined here.

Response: The documents show only the point of connection (disconnect) at the facility to the PV system. The disconnect should be isolated from the PV system equipment.

Question: The AC system size is 57 KW. Is this based on a specific inverter? We would use a 62.5 KW for this system requiring an 80 amp breaker.

Response: The PV system itself is a delegated design and should be in accordance with the performance spec (PS) submitted. The PS is for a minimum of 57kW. A 100A breaker and code sized conductors are shown on the design drawings. The design will accommodate 62.5kW at 125% of the full load amps.

Question: Is the panel layout and size based on a specific module?

Response: The PV system is delegated design; Panel layout and size should meet the requirements of the PV performance specification and the design intent shown on the plans.

Question: Racking and panels, black or clean anodized frames? We cannot see location of PV controller/combiner equipment on the elevations. Please locate on/in the building.

Response: The location of all PV equipment should be as determined by the installer and provided to the EOR for input and/or acceptance. Layout and size per documents and to meet specifications. Clean anodized frames.

Question: Toilet Key Note 18 on A712 is labeled as "Tongue & Groove Plank System, refer to partition types". Keynote 18 on A714 & A715 is labeled as "Acoustic Wood-Looks Panels". The fourth RFI answer on Page 6 of Amendment 6 stated that all interior wood plank walls shall be acoustic wood looks panels. Please confirm the correct material for Toilet Key Note 18 on A712 is Acoustic Wood Looks Panels.

Response: Toilet Keynote 18 on A712 is labeled as "Tongue & Groove Plank System, refer to partition types". Keynote 18 on A714 & A715 is labeled as "Acoustic Wood-Looks Panels". The fourth RFI answer on Page 6 of Amendment 6 stated that all interior wood plank walls shall be acoustic wood looks panels. Please confirm the correct material for Toilet Key Note 18 on A712 is Acoustic Wood Looks Panels.

Question: Per the septic plans, grade over chambers with 3 percent grade, while measurements work out to be 0.6 percent cross slope. How will cover and grading be achieved?

Response: Fill material for the disposal field shall meet the gradation requirements of the Maine Subsurface Wastewater Rules specified in CH 241 Section 11.E.2. Percent passing by weight is: 3" (100%), #4 (75-100%), #10 (50-100%), #60 (10-50%), #100 (2-20%), #200 (2-8%), with a 0-2% clay fraction.

Question: Is it the intent of the Department to clear the potential reserve area of the disposal field? Are borings available for the parking lot disposal fields?

Response: Yes, the intent is to clear the reserve disposal field during construction as shown on the revised sheet C203. There are no disposal fields in the parking lot areas.

Question: How are the two Oxypro tanks connected? What is the minimum gap between the two Oxypro tanks?

Response: The two Oxypro tanks will not be connected and should be separated by a minimum of 2' of ¾" crushed stone.

Question: Is it the intent of the department to grub under all site improvements and buildings, the recommend 2 feet as per the geotechnical report?

Response: As stated in the Geotechnical Report, the materials of the top two (2) feet are unsuitable and should be removed prior to any fill construction. This applies to all site improvements, with the exception of the area within the building footprint (to be included in the building lump sum).

Question: Amendment 6 mentions many revised drawings, but did not include any revised drawings. Are there to be revised drawings issued with Amendment 7?

Response: The drawings were issued in Amendment #7.

Question: Amendment 5 included a special provision section 502 structural concrete. Basis of payment lists several pay items that do not appear on the bid form. Would it be acceptable to carry all concrete work in division 3 to keep things simple?

Response: A revised Schedule of Items was included in Amendment #7 and the concrete items that are to be bid separately were listed in that separately.

Question: DIV. 1 was deleted from the bid form. Was this in error? Where are we to include our costs for general conditions?

Response: This was not an error. Any Division 1 related costs should be carried under Item 659.10 Mobilization.

Question: Where are we to include costs on the bid form for earthwork related to the building?

Response: The earthwork costs associated with the building should be included in the building lump sum cost on the bid form.

Consider these changes and information prior to submitting your bid on **February 8, 2023**.

Sincerely,



George M. A. Macdougall P.E.
Contracts & Specifications Engineer

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 017163.03

Project(s): 017163.03

SECTION: 1 INITIAL GROUP

Alt Set ID: Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0010	201.11 CLEARING	8.100 AC	_____	_____	_____	_____
0020	203.20 COMMON EXCAVATION	10,355.000 CY	_____	_____	_____	_____
0030	203.21 ROCK EXCAVATION	10.000 CY	_____	_____	_____	_____
0040	203.24 COMMON BORROW	5,737.000 CY	_____	_____	_____	_____
0050	203.25 GRANULAR BORROW	2,657.000 CY	_____	_____	_____	_____
0060	203.29 SELECTED GRANULAR MATERIAL	1,335.000 CY	_____	_____	_____	_____
0070	203.38 FILTER SAND	205.000 CY	_____	_____	_____	_____
0080	206.061 STRUCTURAL EARTH EXCAVATION - DRAINAGE AND MINOR STRUCTURES, BELOW GRADE	10.000 CY	_____	_____	_____	_____
0090	206.07 STRUCTURAL ROCK EXCAVATION - DRAINAGE AND MINOR STRUCTURES	10.000 CY	_____	_____	_____	_____
0100	304.10 AGGREGATE SUBBASE COURSE - GRAVEL	9,360.000 CY	_____	_____	_____	_____
0110	304.14 AGGREGATE BASE COURSE - TYPE A	3,095.000 CY	_____	_____	_____	_____
0120	403.2081 12.5 MM POLYMER MODIFIED HOT MIX ASPHALT	1,529.000 T	_____	_____	_____	_____

Maine Department of Transportation

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			Dollars	Cents	Dollars	Cents
0130	403.209 HOT MIX ASPHALT 9.5 MM (SIDEWALKS, DRIVES, INCIDENTALS)	134.000 T	_____	 _____	_____	 _____
0140	403.213 HOT MIX ASPHALT 12.5 MM BASE	3,266.000 T	_____	 _____	_____	 _____
0150	409.15 BITUMINOUS TACK COAT - APPLIED	2,682.000 G	_____	 _____	_____	 _____
0160	419.30 SAW CUTTING BITUMINOUS PAVEMENT	525.000 LF	_____	 _____	_____	 _____
0170	502.311 SITE CONCRETE BUS SHELTER	5.000 CY	_____	 _____	_____	 _____
0180	502.311 SITE CONCRETE EV CHARGER BUILDING & CHARGER BASE	13.000 CY	_____	 _____	_____	 _____
0190	502.311 SITE CONCRETE INFORMATION KIOSK	10.000 CY	_____	 _____	_____	 _____
0200	502.342 STRUCTURAL CONCRETE ROADWAY TRUCK APRON	3.000 CY	_____	 _____	_____	 _____
0210	502.602 STRUCTURAL CONCRETE, GENERATOR SLAB	LUMP SUM	_____	 LUMP SUM	_____	 _____
0220	502.603 STRUCTURAL CONCRETE, CONDENSER PAD	LUMP SUM	_____	 LUMP SUM	_____	 _____
0230	502.607 STRUCTURAL CONCRETE, STORAGE PAD DUMPSTER	LUMP SUM	_____	 LUMP SUM	_____	 _____

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			Dollars	Cents	Dollars	Cents
0240	525.19 GRANITE SEATING BLOCKS	37.000 EA	_____	 _____	_____	 _____
0250	603.142 10" CULV PIPE OPTION III	93.000 LF	_____	 _____	_____	 _____
0260	603.159 12 INCH CULVERT PIPE OPTION III	1,189.000 LF	_____	 _____	_____	 _____
0270	603.169 15 INCH CULVERT PIPE OPTION III	404.000 LF	_____	 _____	_____	 _____
0280	603.179 18 INCH CULVERT PIPE OPTION III	348.000 LF	_____	 _____	_____	 _____
0290	603.199 24 INCH CULVERT PIPE OPTION III	200.000 LF	_____	 _____	_____	 _____
0300	603.801 24" TRASH RACK	2.000 EA	_____	 _____	_____	 _____
0310	604.077 72 INCH CATCH BASIN TYPE A1-C	1.000 EA	_____	 _____	_____	 _____
0320	604.131 4' DIAMETER CATCH BASIN	12.000 EA	_____	 _____	_____	 _____
0330	604.15 MANHOLE	8.000 EA	_____	 _____	_____	 _____
0340	604.154 72 INCH MANHOLE	1.000 EA	_____	 _____	_____	 _____
0350	604.1542 72 INCH OUTLET CONTROL STRUCTURE	2.000 EA	_____	 _____	_____	 _____
0360	604.24 CATCH BASIN TYPE F	16.000 EA	_____	 _____	_____	 _____

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			Dollars	Cents	Dollars	Cents
0370	605.081 4" LINER UNDERDRAIN	386.000 LF	_____	 _____	_____	 _____
0380	605.082 4" FOUNDATION DRAIN	1,000.000 LF	_____	 _____	_____	 _____
0390	605.091 6" WET POND UNDERDRAIN	32.000 LF	_____	 _____	_____	 _____
0400	605.109 10" UNDERDRAIN TYPE C	505.000 LF	_____	 _____	_____	 _____
0410	605.11 12 INCH UNDERDRAIN TYPE C	910.000 LF	_____	 _____	_____	 _____
0420	605.12 15 INCH UNDERDRAIN TYPE C	127.000 LF	_____	 _____	_____	 _____
0430	605.19 6 INCH LONGITUDINAL UNDERDRAIN	630.000 LF	_____	 _____	_____	 _____
0440	605.31 UNDERDRAIN CLEANOUT	8.000 EA	_____	 _____	_____	 _____
0450	608.251 PRECAST CONCRETE PAVERS	3,000.000 SY	_____	 _____	_____	 _____
0460	608.26 CURB RAMP DETECTABLE WARNING FIELD	308.000 SF	_____	 _____	_____	 _____
0470	609.11 VERTICAL CURB TYPE 1	2,229.000 LF	_____	 _____	_____	 _____
0480	609.12 VERTICAL CURB TYPE 1 - CIRCULAR	1,268.000 LF	_____	 _____	_____	 _____
0490	609.26 CURB TRANSITION SECTION B TYPE 1	2.000 EA	_____	 _____	_____	 _____

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			Dollars	Cents	Dollars	Cents
0500	610.08 PLAIN RIPRAP	20.000 CY	_____	 _____	_____	 _____
0510	610.21 RIVER STONES	27.000 CY	_____	 _____	_____	 _____
0520	610.61 NATURAL BOULDER TYPE A 36"X36" - 42"X42"	26.000 EA	_____	 _____	_____	 _____
0530	610.61 NATURAL BOULDER TYPE B 24"X24" - 36"X36"	33.000 EA	_____	 _____	_____	 _____
0540	610.61 NATURAL BOULDER TYPE C 18"X18" - 24"X24"	24.000 EA	_____	 _____	_____	 _____
0550	615.20 UNCOMPACTED SOIL FILTER MEDIUM	100.000 CY	_____	 _____	_____	 _____
0560	616.09 RHODORA SODDING	60.000 SY	_____	 _____	_____	 _____
0570	616.10 HUCKLEBERRY SODDING	160.000 SY	_____	 _____	_____	 _____
0580	616.11 HAY-SCENTED FERN SODDING	340.000 SY	_____	 _____	_____	 _____
0590	617.33 SUPERHUMUS TOPSOIL	2,292.000 CY	_____	 _____	_____	 _____
0600	618.14 SEEDING METHOD NUMBER 2	10.000 UN	_____	 _____	_____	 _____
0610	618.147 WETLAND SEEDING	6.000 UN	_____	 _____	_____	 _____

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			Dollars	Cents	Dollars	Cents
0620	618.149 SPECIAL SEED MIX LAWN	7.000 UN	_____	 _____	_____	 _____
0630	618.20 ANNUAL RYE GRASS SEED	200.000 LB	_____	 _____	_____	 _____
0640	618.27 MEADOW SEEDING MEADOW	21.000 UN	_____	 _____	_____	 _____
0650	618.29 RETENTION POND SEEDING	2.000 UN	_____	 _____	_____	 _____
0660	619.12 MULCH	10.000 UN	_____	 _____	_____	 _____
0670	620.54 STABILIZATION/REINFORCEMENT GEOTEXTILE	10.000 SY	_____	 _____	_____	 _____
0680	621.037 EVERGREEN TREES (5 FOOT - 6 FOOT) GROUP A	6.000 EA	_____	 _____	_____	 _____
0690	621.043 EVERGREEN TREES (6 FOOT - 8 FOOT) GROUP A	43.000 EA	_____	 _____	_____	 _____
0700	621.046 EVERGREEN TR (8' - 10') GP A	33.000 EA	_____	 _____	_____	 _____
0710	621.052 EVERGREEN TREES (10 FOOT - 12 FOOT) GROUP A	32.000 EA	_____	 _____	_____	 _____
0720	621.201 MEDIUM DECIDUOUS TREE (2 INCH - 2.50 INCH CALIPER) GROUP A	5.000 EA	_____	 _____	_____	 _____
0730	621.255 LARGE DECIDUOUS TREES (8 FOOT - 10 FOOT) GROUP A	21.000 EA	_____	 _____	_____	 _____

Maine Department of Transportation

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			Dollars	Cents	Dollars	Cents
0740	621.263 LARGE DECIDUOUS TREES (10 FOOT - 12 FOOT) GROUP C	33.000 EA	_____	 _____	_____	 _____
0750	621.2641 MULTISTEM DECIDUOUS TREE (RIVER BIRCH) GROUP A	24.000 EA	_____	 _____	_____	 _____
0760	621.273 LARGE DECIDUOUS TREE (2 INCH - 2.50 INCH CALIPER) GROUP A	30.000 EA	_____	 _____	_____	 _____
0770	621.274 LARGE DECIDUOUS TREE (2 INCH - 2.50 INCH CALIPER) GROUP B	13.000 EA	_____	 _____	_____	 _____
0780	621.279 LARGE DECIDUOUS TREE (2.50 INCH - 3 INCH CALIPER) GROUP A	10.000 EA	_____	 _____	_____	 _____
0790	621.285 LARGE DECIDUOUS TREE (3 INCH - 3.50 INCH CALIPER) GROUP A	39.000 EA	_____	 _____	_____	 _____
0800	621.291 LARGE DECIDUOUS TREE (3.50 INCH - 4 INCH CALIPER) GROUP A	3.000 EA	_____	 _____	_____	 _____
0810	621.292 LARGE DECIDUOUS TREE (3.50 INCH - 4 INCH CALIPER) GROUP B	1.000 EA	_____	 _____	_____	 _____
0820	621.391 EVERGREENS (15 INCH - 18 INCH) GROUP C	204.000 EA	_____	 _____	_____	 _____
0830	621.50 BROADLEAF EVERGREEN (2.50 FOOT - 3 FOOT) GROUP C	3.000 EA	_____	 _____	_____	 _____
0840	621.525 BAYBERRY (2 FOOT - 3 FOOT)	64.000 EA	_____	 _____	_____	 _____

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			Dollars	Cents	Dollars	Cents
0850	621.542 DECIDUOUS SHRUBS (18 INCH - 24 INCH) GROUP C	3.000 EA	_____	 _____	_____	 _____
0860	621.546 DECIDUOUS SHRUBS (2 FOOT - 3 FOOT) GROUP A	450.000 EA	_____	 _____	_____	 _____
0870	621.547 DECIDUOUS SHRUBS (2 FOOT - 3 FOOT) GROUP B	336.000 EA	_____	 _____	_____	 _____
0880	621.548 DECIDUOUS SHRUBS (2 FOOT - 3 FOOT) GROUP C	13.000 EA	_____	 _____	_____	 _____
0890	621.552 DECIDUOUS SHRUBS (3 FOOT - 4 FOOT) GROUP A	4.000 EA	_____	 _____	_____	 _____
0900	621.553 DECIDUOUS SHRUBS (3 FOOT - 4 FOOT) GROUP B	3.000 EA	_____	 _____	_____	 _____
0910	621.554 DECIDUOUS SHRUBS (3 FOOT - 4 FOOT) GROUP C	6.000 EA	_____	 _____	_____	 _____
0920	621.558 DECIDUOUS SHRUBS (4 FOOT - 5 FOOT) GROUP A	11.000 EA	_____	 _____	_____	 _____
0930	621.662 VINES (18 INCH - 24 INCH) GROUP C	4.000 EA	_____	 _____	_____	 _____
0940	621.711 HERBACEOUS PERENNIALS GROUP B	200.000 EA	_____	 _____	_____	 _____
0950	621.98 METAL LANDSCAPE EDGING	1,600.000 LF	_____	 _____	_____	 _____

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			Dollars	Cents	Dollars	Cents
0960	625.23 IRRIGATION SYSTEM	LUMP SUM	LUMP SUM		_____	_____
0970	627.18 12 " SOLID WHITE PAVEMENT MARKING	160.000 LF	_____	_____	_____	_____
0980	627.71 4 INCH WHITE PAVEMENT MARKING LINE	2,792.000 LF	_____	_____	_____	_____
0990	627.75 WHITE OR YELLOW PAVEMENT & CURB MARKING	9,070.000 SF	_____	_____	_____	_____
1000	634.228 CONCRETE TRANSFORMER PAD GENERATOR PAD	2.000 EA	_____	_____	_____	_____
1010	639.18 FIELD OFFICE TYPE A	1.000 EA	_____	_____	_____	_____
1020	641.34 TRASH RECEPTACLE	4.000 EA	_____	_____	_____	_____
1030	641.35 ALUMINUM FLAG POLE	2.000 EA	_____	_____	_____	_____
1040	643.60 FLASHING BEACON AT: Gateway Drive / Bar harbor Road	LUMP SUM	LUMP SUM		_____	_____
1050	652.312 TYPE III BARRICADE	10.000 EA	_____	_____	_____	_____
1060	652.33 DRUM	25.000 EA	_____	_____	_____	_____
1070	652.34 CONE	100.000 EA	_____	_____	_____	_____

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 017163.03

Project(s): 017163.03

SECTION: 1 INITIAL GROUP

Alt Set ID: Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1080	652.35 CONSTRUCTION SIGNS	500.000 SF	_____	 _____	_____	 _____
1090	652.361 MAINTENANCE OF TRAFFIC CONTROL DEVICES	LUMP SUM	LUMP SUM		_____	 _____
1100	652.38 FLAGGER	1,000.000 HR	_____	 _____	_____	 _____
1110	655.12 ELECTRIC VEHICLE CHARGING STATION - LEVEL 2 DUAL PORT	4.000 EA	_____	 _____	_____	 _____
1120	655.12 ELECTRIC VEHICLE CHARGING STATION - LEVEL 2 SINGLE PORT	1.000 EA	_____	 _____	_____	 _____
1130	655.13 ELECTRIC VEHICLE CHARGING STATION - LEVEL 3 SINGLE PORT	8.000 EA	_____	 _____	_____	 _____
1140	655.40 PHOTOVOLTAIC SYSTEM	LUMP SUM	LUMP SUM		_____	 _____
1150	656.71 LEVEL LIP SPREADER	86.000 CY	_____	 _____	_____	 _____
1160	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP SUM	LUMP SUM		_____	 _____
1170	659.10 MOBILIZATION	LUMP SUM	LUMP SUM		_____	 _____
1180	801.014 PUMP STATION 8 FOOT DIAMETER	1.000 EA	_____	 _____	_____	 _____
1190	801.121 SEWER FORCE MAIN 2.5 INCH	1,120.000 LF	_____	 _____	_____	 _____

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 017163.03

Project(s): 017163.03

SECTION: 1 INITIAL GROUP

Alt Set ID:

Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1200	801.17 8 INCH PVC SANITARY SEWER (SDR-35)	230.000 LF	_____	 _____	_____	 _____
1210	802.103 WATERLINE 2 INCH	LUMP SUM	LUMP SUM		_____	 _____
1220	802.20 SEPTIC TANKS - SEPTIC/DOSING TANK, 14,000 GAL	1.000 EA	_____	 _____	_____	 _____
1230	802.20 SEPTIC TANKS 10,000 GALLON	1.000 EA	_____	 _____	_____	 _____
1240	802.20 SEPTIC TANKS 20,000 GALLON	1.000 EA	_____	 _____	_____	 _____
1250	802.2011 STORAGE TANK	LUMP SUM	LUMP SUM		_____	 _____
1260	802.23 SUBSURFACE WASTEWATER DISPOSAL SYSTEM	LUMP SUM	LUMP SUM		_____	 _____
1270	803.01 TEST PITS	3.000 EA	_____	 _____	_____	 _____
1280	803.173 SEWER MANHOLE - 4 FOOT DIAMETER	4.000 EA	_____	 _____	_____	 _____
1290	803.173 SEWER MANHOLE - 4 FOOT DIAMETER CLEANOUT	3.000 EA	_____	 _____	_____	 _____
1300	822.301 PRE-INSULATED DUCTILE IRON PIPE	5.000 LF	_____	 _____	_____	 _____
1310	823.325 8 INCH GATE VALVE	1.000 EA	_____	 _____	_____	 _____

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 017163.03

Project(s): 017163.03

SECTION: 1 INITIAL GROUP

Alt Set ID:

Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1320	823.33 6 INCH GATE VALVE WITH BOX	1.000 EA	_____	 _____	_____	 _____
1330	823.3351 4 INCH GATE VALVE AND BOX	1.000 EA	_____	 _____	_____	 _____
1340	824.50 FIRE SUPPRESSION TANK	LUMP SUM	LUMP SUM		_____	 _____
1350	832.071 CONTRACTOR ALLOWANCE Fiber Optic Service	LUMP SUM	LUMP SUM		5,000.00	
1360	832.071 CONTRACTOR ALLOWANCE Telephone Service	LUMP SUM	LUMP SUM		5,000.00	
1370	832.071 CONTRACTOR ALLOWANCE Versant Power	LUMP SUM	LUMP SUM		60,000.00	
1380	834.323 DRY HYDRANT	LUMP SUM	LUMP SUM		_____	 _____
1390	841.48 BOLLARDS	3.000 EA	_____	 _____	_____	 _____
1400	890.07 BIKE RACKS	20.000 EA	_____	 _____	_____	 _____
1410	910.30 SPECIAL WORK 20,000 GAL OXYPRO UNIT	2.000 EA	_____	 _____	_____	 _____
1420	DIV. 10 SPECIALTIES MISC SPECIALITIES	LUMP SUM	LUMP SUM		_____	 _____
1430	DIV. 12 FURNISHINGS	LUMP SUM	LUMP SUM		_____	 _____

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 017163.03

Project(s): 017163.03

SECTION: 1 INITIAL GROUP

Alt Set ID:

Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1440	DIV. 21 FIRE SUPPRESSION	LUMP SUM	LUMP	SUM	_____	_____
1450	DIV. 22 PLUMBING	LUMP SUM	LUMP	SUM	_____	_____
1460	DIV. 23 HVAC	LUMP SUM	LUMP	SUM	_____	_____
1470	DIV. 26 ELECTRICAL	LUMP SUM	LUMP	SUM	_____	_____
1480	DIV. 3 CONCRETE	LUMP SUM	LUMP	SUM	_____	_____
1490	DIV. 4 MASONRY	LUMP SUM	LUMP	SUM	_____	_____
1500	DIV. 5 METALS	LUMP SUM	LUMP	SUM	_____	_____
1510	DIV. 6 WOOD & PLASTICS	LUMP SUM	LUMP	SUM	_____	_____
1520	DIV. 7 THERMAL & MOISTURE PROTECTION	LUMP SUM	LUMP	SUM	_____	_____
1530	DIV. 8 DOORS & WINDOWS	LUMP SUM	LUMP	SUM	_____	_____
1540	DIV. 9 FINISHES	LUMP SUM	LUMP	SUM	_____	_____
Section: 1			Total:		_____	_____
			Total Bid:		_____	_____

SPECIAL PROVISION
SECTION 801 – SANITARY SEWER

801.1 Description This work includes the installation of sanitary sewer piping, manholes, septic tanks, pretreatment tanks, force main, pump station, subsurface wastewater disposal field at the locations shown in the plans and in accordance with the plans or as established by Project Personnel.

801.2 Construction Provide shop drawings for gravity sewer pipe, gravity sewer fittings, force main pipe, force main fittings, septic tanks, pretreatment tanks, sanitary manholes, cleanout manholes, terminus manholes, manhole frames, manhole covers, precast concrete pump station, pumps, control panel, floats, subsurface disposal chambers, distribution box, pretreatment system.

Record as-built locations of piping, connections, cleanouts, and invert elevations and submit to Engineer. Identify and describe unexpected variations to subsoil conditions or discovery of uncharted utilities.

Perform work in accordance with the Maine Subsurface Wastewater Disposal Rules.

PVC Force Main shall be SDR 21.

Trace Wire shall be installed 6" over force main piping. Trace Wire shall be magnetic detectable conductor, clear plastic covering, imprinted with "Sewer Service" in large letters.

Connect sanitary sewer to building sanitary sewer outlet.

Pipe Installation: Commence at the lowest point in the system and lay the pipe with the bell end upgrade. Use manufacturers approved lubricating compounds as applicable. Lay pipe in straight lines and on uniform grades. Backfill pipe and carefully tamp backfill under lower parts of the pipe. Flush all sanitary sewers. Remove obstructions in pipe and correct any defects discovered.

Pressure test gravity sewer in accordance with ASTM F 1417.

Pressure test force main with hydrostatic test as follows.

1. Fill section of pipe with water and expel all air.
2. Pressurize to 1.5 times the normal operating pressure but not less than 60 psi.
3. Measure leakage over a 2-hour test period.
4. Acceptable leakage: Less than 10 gallons per day per inch diameter per mile of pipe tested.

Provide copies of test report to Owner.

If tests indicate Work does not meet specified requirements, remove Work, replace and retest at no cost to Owner

801.3 septic tanks, pump station, subsurface wastewater disposal system Construct subsurface wastewater disposal system in accordance with the State of Maine Subsurface Wastewater Disposal Rules and the HHE-200 for the system.

Sanitary manholes, septic tanks, and pretreatment tanks shall be located as shown on plans and constructed in accordance with details within the plan set. Tanks shall be placed level on a bed of crushed stone over compacted subgrade. Tanks shall conform to capacity, concrete compressive strength, and traffic loading as shown on plans.

Pump Station shall be located as shown on plans and constructed in accordance with details within the plan set. Pump Station shall be placed level on a bed of crushed stone over compacted subgrade. Pump Station shall conform to capacity, concrete compressive strength, and traffic loading as shown on plans. Control panels, alarms, and floats to be commercial grade hardwired units.

Electrical service for pumps, alarm, etc. shall be in conduits and hardwired to the building's electrical system. Comply with applicable electrical codes.

Pump station supplier shall perform an operational test on the installed equipment and shall remove, replace, and retest any failing component at no cost to Owner.

801.4 Basis of Payment

The accepted quantity of pipe will be paid for at the contract unit price per linear foot complete in place. Trench excavation, backfill, couplings, connections of pipe, crushed stone, sand, and all other appurtenances necessary to satisfactorily complete the work shall be considered incidental and no further payment will be made.

The accepted quantity of sanitary manholes (including all piping, supports, insulation, steps, frames, and covers) and tanks shall be paid at the contract unit price each in place. Excavation, backfill, Couplings, Sealant, Connections of Pipe, Crushed Stone, Sand, Sediment Removal, frames, covers, steps, manhole invert, and all other appurtenances necessary to satisfactorily complete the work shall be considered as incidental to the cost of supplying and installing the structures.

The accepted quantity of Pump Station shall be paid at the contract unit price each in place. Excavation, backfill, Couplings, Sealant, Connections of Pipe, Crushed Stone, Sand, Sediment Removal, frames, covers, pumps, floats, sensors, alarms, control panel, electrical connections and wiring, testing and all other appurtenances necessary to satisfactorily complete the work shall be considered as incidental to the cost of supplying and installing the pump station.

The accepted quantity of Subsurface Wastewater Disposal Field shall be paid at the contract unit price of lump sum in place. Excavation, Backfill, Couplings, Connections of Pipe, Crushed Stone, Sand, Sediment Removal, Frames, Covers, Distribution boxes, testing and all other appurtenances necessary to satisfactorily complete the work in conformance with the plan details and HHE-200 for the system shall be considered as incidental to the cost of constructing the subsurface wastewater disposal field.

Payment will be made under:

<u>Pay Item</u>		<u>Pay Unit</u>
801.014	Pump Station – 8 Foot Diameter	Each
801.12	Sewer Force Main – 2.5 Inch	Linear Foot
801.17	8” Sanitary Sewer	Linear Foot
802.20	Septic Tanks–20,000 Gallon	Each
802.20	Septic Tanks–10,000 Gallon	Each
802.20	Septic Tanks–Septic/Dosing Tank 14,000 Gal	Each
802.23	Subsurface Wastewater Disposal Field	Lump Sum
803.173	4’ Diameter Cleanout Manhole	Each
803.173	4’ Diameter Sanitary Manhole	Each
823.325	8” Gate Valve	Each
910.30	OXYPRO Pretreatment Unit	Each

HHE-200 Application

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. of Health & Human Services
 Division of Environmental Health, SHS 11
 (207) 287-5672 Fax: (207) 287-3165

PROPERTY LOCATION		CAUTION: PERMIT REQUIRED - ATTACH IN SPACE BELOW	
City, Town, or Plantation	Trenton	Town/City _____	Permit # _____
Street or Road	Gateway Center Drive	Date Permit Issued ___/___/___	Fee: \$ _____ Double Fee Charged <input type="checkbox"/>
Subdivision, Lot #	"Acadia Gateway Vistor Center"	_____	L.P.I. # _____
OWNER/APPLICANT INFORMATION		Local Plumbing Inspector Signature _____	
Name (last, first, MI)	Keezer, Brian - MDOT	- Owner <input type="checkbox"/> Town <input type="checkbox"/> State <input type="checkbox"/>	
Applicant Mailing Address	16 State House Station August ME 04333	The Subsurface Wastewater Disposal System shall not be installed until a Permit is issued by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with this application and the Maine Subsurface Wastewater Disposal Rules.	
Daytime Tel. #	207-624-3612	Municipal Tax Map # <u>23</u> Lot # <u>1</u>	
OWNER OR APPLICANT STATEMENT		CAUTION: INSPECTION REQUIRED	
I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a Permit.		I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application.	
_____ Signature of Owner or Applicant		_____ Local Plumbing Inspector Signature	
_____ Date		_____ (1st) date approved	
		_____ (2nd) date approved	

PERMIT INFORMATION			
TYPE OF APPLICATION <input checked="" type="checkbox"/> 1. First Time System <input type="checkbox"/> 2. Replacement System Type replaced & Year installed: <input type="checkbox"/> 3. Expanded System <input type="checkbox"/> a. < 25% Expansion <input type="checkbox"/> b. ≥ 25% Expansion <input type="checkbox"/> 4. Experimental System <input type="checkbox"/> 5. Seasonal Conversion	THIS APPLICATION REQUIRES <input checked="" type="checkbox"/> 1. No Rule Variance <input type="checkbox"/> 2. First Time System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector <input type="checkbox"/> 3. Replacement System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector <input type="checkbox"/> 4. Minimum Lot Size Variance <input type="checkbox"/> 5. Seasonal Conversion Permit	DISPOSAL SYSTEM COMPONENTS <input type="checkbox"/> 1. Complete Non-engineered System <input type="checkbox"/> 2. Primitive System (graywater & alt. toilet) <input type="checkbox"/> 3. Alternative Toilet, specify: _____ <input type="checkbox"/> 4. Non-engineered Treatment Tank (only) <input type="checkbox"/> 5. Holding Tank, _____ gallons <input type="checkbox"/> 6. Non-engineered Disposal Field (only) <input type="checkbox"/> 7. Separated Laundry System <input checked="" type="checkbox"/> 8. Complete Engineered System (2000 gpd or more) <input type="checkbox"/> 9. Engineered Treatment Tank (only) <input type="checkbox"/> 10. Engineered Disposal Field (only) <input checked="" type="checkbox"/> 11. Pre-treatment, specify: <u>(2) 20,000 OxyPro Units</u> <input type="checkbox"/> 12. Miscellaneous Components: See Details	DISPOSAL SYSTEM TO SERVE <input type="checkbox"/> 1. Single-Family Dwellings, Total No. of Bedrooms: _____ <input type="checkbox"/> 2. Multiple Family Dwelling, No. of Units: _____ <input checked="" type="checkbox"/> 3. Other: <u>Acadia Gateway Vistor Center</u> (specify) Current Use <input type="checkbox"/> Seasonal <input checked="" type="checkbox"/> Year Round <input type="checkbox"/> Undeveloped
SIZE OF PROPERTY 150+/- <input type="checkbox"/> SQ. FT. <input checked="" type="checkbox"/> ACRES	TYPE OF WATER SUPPLY <input checked="" type="checkbox"/> 1. Drilled Well <input type="checkbox"/> 2. Dug Well <input type="checkbox"/> 3. Private <input type="checkbox"/> 4. Public <input type="checkbox"/> 5. Other		
SHORELAND ZONING <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)			
TREATMENT TANK <input checked="" type="checkbox"/> 1. Concrete In Series <input checked="" type="checkbox"/> a. Regular 20,000 Gal. Tank to <input type="checkbox"/> b. Low Profile 10,000 Gal. <input type="checkbox"/> 2. Plastic Two-Compartment w/ Three A300 Filter <u>30,000 Gal. Total</u>	DISPOSAL FIELD TYPE & SIZE <input type="checkbox"/> 1. Stone Bed <input type="checkbox"/> 2. Stone Trench <input checked="" type="checkbox"/> 3. Proprietary Device - Concrete Chamb. <input checked="" type="checkbox"/> a. cluster array <input type="checkbox"/> c. Linear <input checked="" type="checkbox"/> b. regular load <input type="checkbox"/> d. H-20 load <input type="checkbox"/> 4. Other: _____ SIZE: <u>66,475</u> <input checked="" type="checkbox"/> sq. ft. <input type="checkbox"/> lin. ft.	GARBAGE DISPOSAL UNIT <input checked="" type="checkbox"/> 1. No <input type="checkbox"/> 2. Yes <input type="checkbox"/> 3. Maybe If Yes of Maybe, specify one below: <input type="checkbox"/> a. multi-compartment tank <input type="checkbox"/> b. ___ tanks in series <input type="checkbox"/> c. increase in tank capacity <input checked="" type="checkbox"/> d. Filter on Tank Outlet	DESIGN FLOW <u>20,144</u> gallons per day BASED ON: <input type="checkbox"/> 1. Table 4A (dwelling unit(s)) <input checked="" type="checkbox"/> 2. Table 4C (other facilities) SHOW CALCULATIONS for other facilities _____ See Attached HHE-220 Forms
SOIL DATA PROFILE <u>3</u> / CONDITION <u>C</u> at Observation Hole # <u>BTP</u> Depth <u>17</u> " <u>02</u> of Most Limiting Soil Factor Mottling	DISPOSAL FIELD SIZING <input type="checkbox"/> 1. Medium---2.6 sq. ft. / gpd <input checked="" type="checkbox"/> 2. Medium---Large 3.3 sq. ft. / gpd <input type="checkbox"/> 3. Large---4.1 sq. ft. / gpd <input type="checkbox"/> 4. Extra Large---5.0 sq. ft. / gpd	EFFLUENT/EJECTOR PUMP <input type="checkbox"/> 1. Not Required <input type="checkbox"/> 2. May Be Required <input checked="" type="checkbox"/> 3. Required - See Plan Specify only for engineered systems: DOSE: _____ gallons	ATTACH WATER METER DATA LATITUDE AND LONGITUDE at center of disposal area Lat <u>44</u> ' <u>d</u> <u>28</u> ' <u>m</u> <u>01.18</u> s Lon <u>68</u> ' <u>d</u> <u>22</u> ' <u>m</u> <u>29.33</u> s if g.p.s. state margin of error: _____

SITE EVALUATOR STATEMENT		
I certify that on <u>10-19-21</u> (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).		
_____ Site Evaluator Signature	<u>264</u> SE #	<u>12-21-22</u> Date
<u>DAVID W. MOYSE</u> Site Evaluator Name Printed	<u>(207) 945-6179</u> Telephone Number	<u>dave@moyseenvironmental.com</u> Email Address

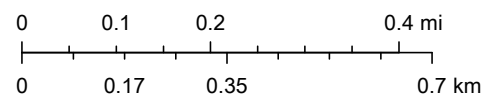
Site Location Map - USGS Topo



12/21/2022, 1:38:31 PM

1:18,056

⊗ SITE LOCATION



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SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
 Division of Health Engineering, Station 10
 (207) 287-5672 Fax: (207) 287-3165

Town, City, Plantation
Trenton

Street, Road, Subdivision
Gateway Center Drive

Owner or Applicant Name
MDOT Attn: Brian Keezer Keezer

SITE PLAN

SEE ATTACHED PLANS
 C201, C202 & C203
 BY GORRILL PALMER

SOIL PROFILE DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)

Observation Hole # _____ Test Pit Boring

_____ " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
0			
6			
12			
18			
24			
30			
36			
42			
48			

SEE ATTACHED SOIL LOGS

Soil Profile	Classification	Slope	Limiting Factor	<input type="checkbox"/> Groundwater
Condition	Percent	Depth	<input type="checkbox"/> Restrictive Layer	<input type="checkbox"/> Bedrock

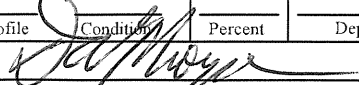
Observation Hole # _____ Test Pit Boring

_____ " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
0			
6			
12			
18			
24			
30			
36			
42			
48			

SEE ATTACHED SOIL LOGS

Soil Profile	Classification	Slope	Limiting Factor	<input type="checkbox"/> Groundwater
Condition	Percent	Depth	<input type="checkbox"/> Restrictive Layer	<input type="checkbox"/> Bedrock


 Site Evaluator Signature

264
 SE #

12-21-22
 Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
 Division of Health Engineering, Station 10
 (207) 287-5672 Fax: (207) 287-3165

Town, City, Plantation
Trenton

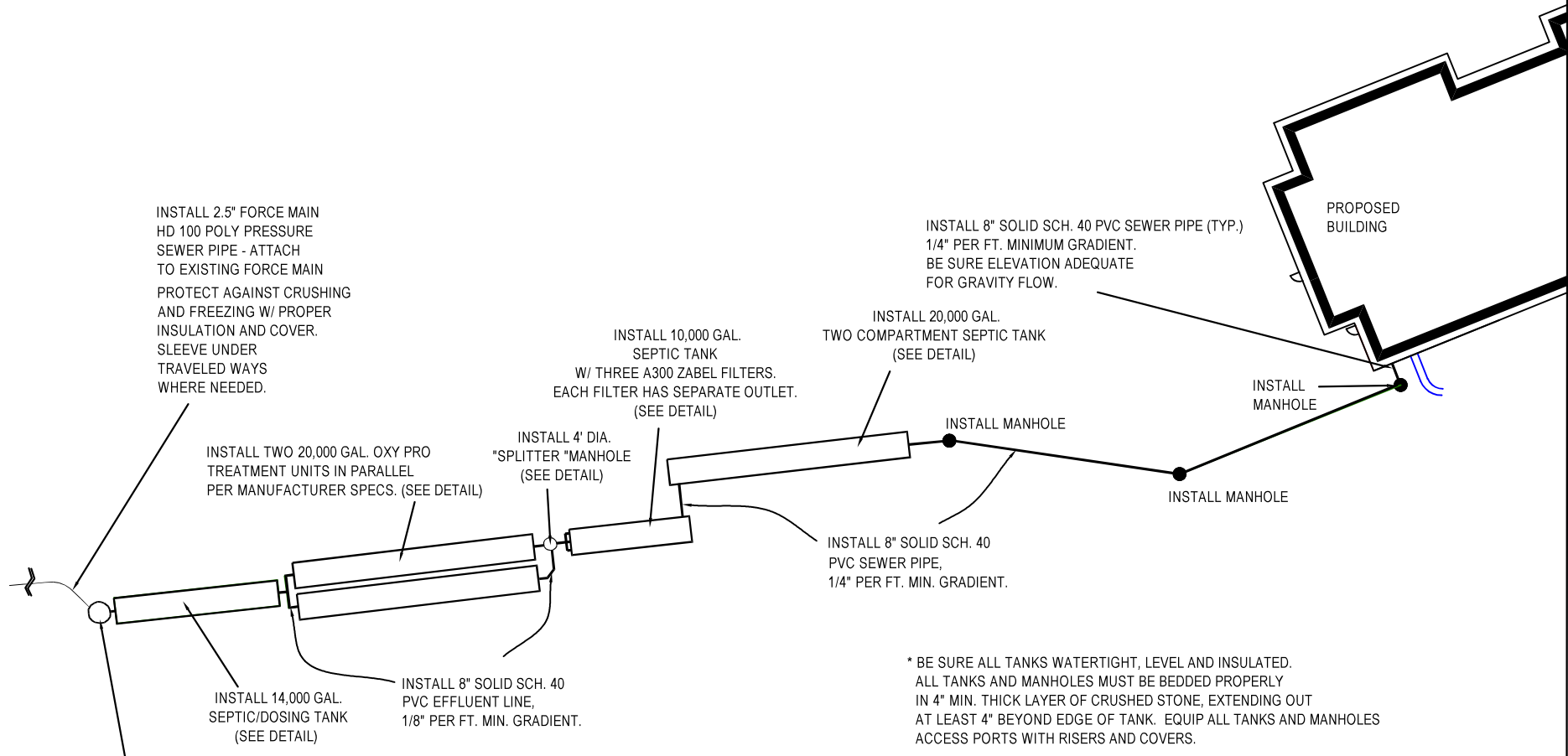
Street, Road, Subdivision
Gateway Center Drive

Owner or Applicant Name
MDOT Attn: Brian Keezer

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 50

* SEE GORRILL PALMERS UTILITY PLAN



INSTALL 2.5" FORCE MAIN
 HD 100 POLY PRESSURE
 SEWER PIPE - ATTACH
 TO EXISTING FORCE MAIN
 PROTECT AGAINST CRUSHING
 AND FREEZING W/ PROPER
 INSULATION AND COVER.
 SLEEVE UNDER
 TRAVELED WAYS
 WHERE NEEDED.

INSTALL TWO 20,000 GAL. OXY PRO
 TREATMENT UNITS IN PARALLEL
 PER MANUFACTURER SPECS. (SEE DETAIL)

INSTALL 14,000 GAL.
 SEPTIC/DOSING TANK
 (SEE DETAIL)

INSTALL 8" SOLID SCH. 40
 PVC EFFLUENT LINE,
 1/8" PER FT. MIN. GRADIENT.

INSTALL 4' DIA.
 "SPLITTER" MANHOLE
 (SEE DETAIL)

INSTALL 10,000 GAL.
 SEPTIC TANK
 W/ THREE A300 ZABEL FILTERS.
 EACH FILTER HAS SEPARATE OUTLET.
 (SEE DETAIL)

INSTALL 20,000 GAL.
 TWO COMPARTMENT SEPTIC TANK
 (SEE DETAIL)

INSTALL 8" SOLID SCH. 40
 PVC SEWER PIPE,
 1/4" PER FT. MIN. GRADIENT.

INSTALL 8" SOLID SCH. 40 PVC SEWER PIPE (TYP.)
 1/4" PER FT. MINIMUM GRADIENT.
 BE SURE ELEVATION ADEQUATE
 FOR GRAVITY FLOW.

INSTALL
 MANHOLE

INSTALL MANHOLE

PROPOSED
 BUILDING

INSTALL PUMP STATION* WITH
 TWO BARNES SGV SERIES 3HP PUMPS WITH 5.25" IMPELLERS
 EQUIP WITH SLIDE RAILS,
 SECURE ALUM. HATCH, AND CONTROL PANEL WITH ALARM.
 PUMP STATION ALARM MUST BE BOTH "VISIBLE" AND "AUDIBLE" AND EASILY VIEWED.
 SEE ADDITIONAL INFORMATION ON GORRILL PALMERS PLANS (SHEET C403)

* BE SURE ALL TANKS WATERTIGHT, LEVEL AND INSULATED.
 ALL TANKS AND MANHOLES MUST BE BEDDED PROPERLY
 IN 4" MIN. THICK LAYER OF CRUSHED STONE, EXTENDING OUT
 AT LEAST 4" BEYOND EDGE OF TANK. EQUIP ALL TANKS AND MANHOLES
 ACCESS PORTS WITH RISERS AND COVERS.

*ALL PIPING MUST BE PROTECTED AGAINST
 CRUSHING AND FREEZING. INSULATE AND
 BED PROPERLY (SEE DETAILS)

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
 Division of Health Engineering, Station 10
 (207) 287-5672 Fax: (207) 287-3165

Town, City, Plantation
Trenton

Street, Road, Subdivision
Gateway Center Drive

Owner or Applicant Name
MDOT Attn: Brian Keezer

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 40'

* SEE GORRILL PALMERS UTILITY PLANS SHEETS C201, C202 & C203

*ALL PIPING MUST BE PROTECTED AGAINST CRUSHING AND FREEZING. INSULATE AND BED PROPERLY.

INSTALL 4" SOLID SDR 35 PVC EFFLUENT LINE, 1/8" PER FT. MIN. GRADIENT.

INSTALL 6" DIA. DISTRIBUTION MANHOLE, BOTTOM FEED. 1 INLETS & 8 OUTLETS. BE SURE TO INSTALL TO ALLOW GRAVITY TO DISPOSAL FIELDS. DISTRIBUTION MANHOLE TO HAVE AT LEAST 36" OF SUMP (WATER DEPTH BELOW OUTLET INVERT).

INSTALL FOUR 12-OUTLET DISTRIBUTION BOXES WITH EQUAL DISTRIBUTION ON EACH FIELD. EIGHT D-BOXES IN TOTAL. BE SURE LEVEL, BEDDED IN GRAVEL AND INSULATED. PROTECT FROM FREEZING AND SETTLEMENT.

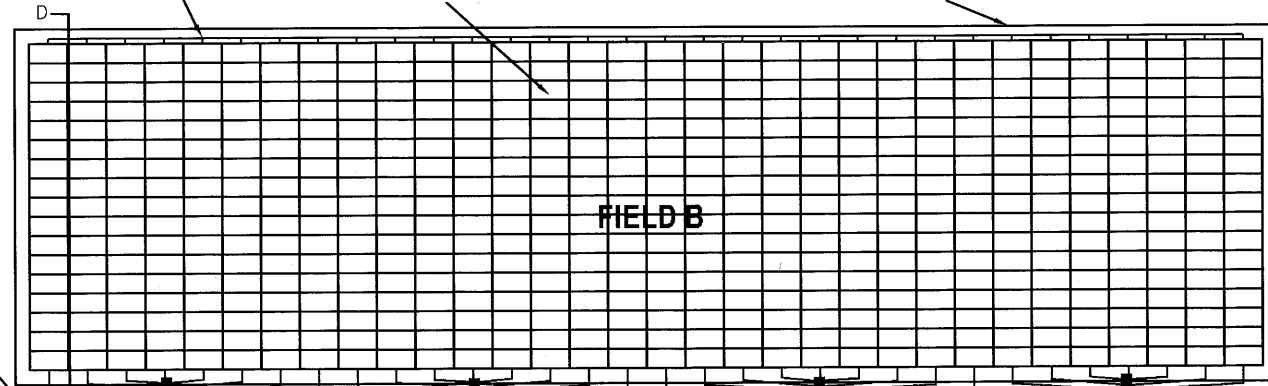
MANIFOLD END 4" SOLID SDR 35 BE SURE PIPE SECURE AND DOES NOT SETTLE WITH PROPER BEDDING

INSTALL 544 SIDE-FEED CONCRETE CHAMBERS "FIELD B" 17 ROWS OF 32 CHAMBERS (68' W x 256' L)

50' FILL EXTENSION BASED ON MOUNDING DISCUSSION/RECOMMENDATIONS (SEE X-SECTIONS)

EDGE OF 3 FT. SHOULDER (3% GRADE)

4:1 GRADE



FIELD B

*FILL BETWEEN FIELD A & B BLEND AND GRADE TO PROVIDE PROPER DRAINAGE

INSTALL 2.5" FORCE MAIN HD 100 POLY PRESSURE SEWER PIPE PROTECT AGAINST CRUSHING AND FREEZING W/ PROPER INSULATION AND COVER. SLEEVE UNDER TRAVELED WAYS WHERE NEEDED.

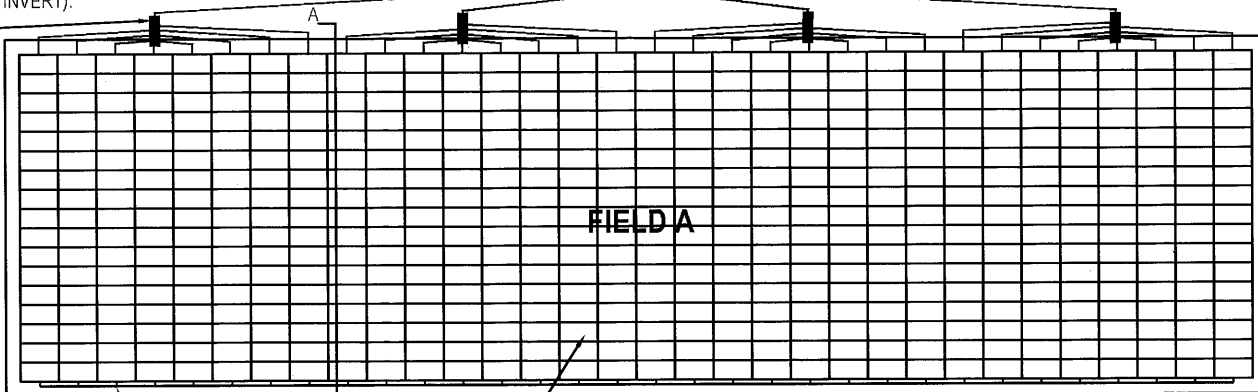
4:1 GRADE

MANIFOLD END (TYP.) 4" SOLID SDR 35 BE SURE PIPE SECURE AND DOES NOT SETTLE WITH PROPER BEDDING

INSTALL 544 SIDE-FEED CONCRETE CHAMBERS "FIELD A" 17 ROWS OF 32 CHAMBERS (68' W x 256' L)

50' FILL EXTENSION BASED ON MOUNDING DISCUSSION/RECOMMENDATIONS (SEE X-SECTIONS)

EDGE OF 3 FT. SHOULDER (3% GRADE)



FIELD A

Signature LSE #264 2-1-23

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
 Division of Health Engineering, Station 10
 (207) 287-5672 Fax: (207) 287-3165

Town, City, Plantation
Trenton

Street, Road, Subdivision
Gateway Center Drive

Owner or Applicant Name
MDOT Attn: Brian Keezer Keezer

SUBSURFACE WASTEWATER DISPOSAL PLAN

SEE ATTACHED
 DISPOSAL PLAN
 "FIELD A"

BACKFILL REQUIREMENTS		CONSTRUCTION ELEVATIONS (ACTUAL)		ELEVATION REFERENCE POINT (ERP)
APPROXIMATE		ERP	0"	Location & Description: <u>BENCHMARK</u> <u>TO BE ESTABLISHED PRIOR TO CONSTRUCTION</u>
Depth of Backfill (A-B)	<u>64.5" to 90.5"</u>	Finished Grade @ Center Between Fields	<u>131.5' +/-</u>	
Depth of Backfill (C-D)	<u>89.5" to 77.5"</u>	Top of Chambers	<u>127.3'</u>	
		Bottom of Chambers	<u>126.2'</u>	

DISPOSAL FIELD CROSS SECTION

Scales:
 Vertical: 1" = 10
 Horizontal: 1" = 10

SEE ATTACHED
 DISPOSAL FIELD CROSS SECTION
 "FIELD A"



Site Evaluator Signature

264
 SE #

2-3-23
 Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
 Division of Health Engineering, Station 10
 (207) 287-5672 Fax: (207) 287-3165

Town, City, Plantation
Trenton

Street, Road, Subdivision
Gateway Center Drive

Owner or Applicant Name
MDOT Attn: Brian Keezer

DISPOSAL FIELD CROSS SECTION - " FIELD A "

* Note That Additional Fill May Be Placed Over and Around Disposal Field to Blend Finished Grade with Existing Slopes, If Desired.

* Blend Finish Grades To Provide A Diversion Of Runoff Away From The Disposal Field

FILL MATERIAL SPEC. BY VOLUME:

- 100% LESS THAN 3" DIA.
- 15 - 30% GRAVEL (2mm-3" DIA.)
- 2-8% PASSING A # 200 SIEVE (ASTM)
- 0-2% CLAY

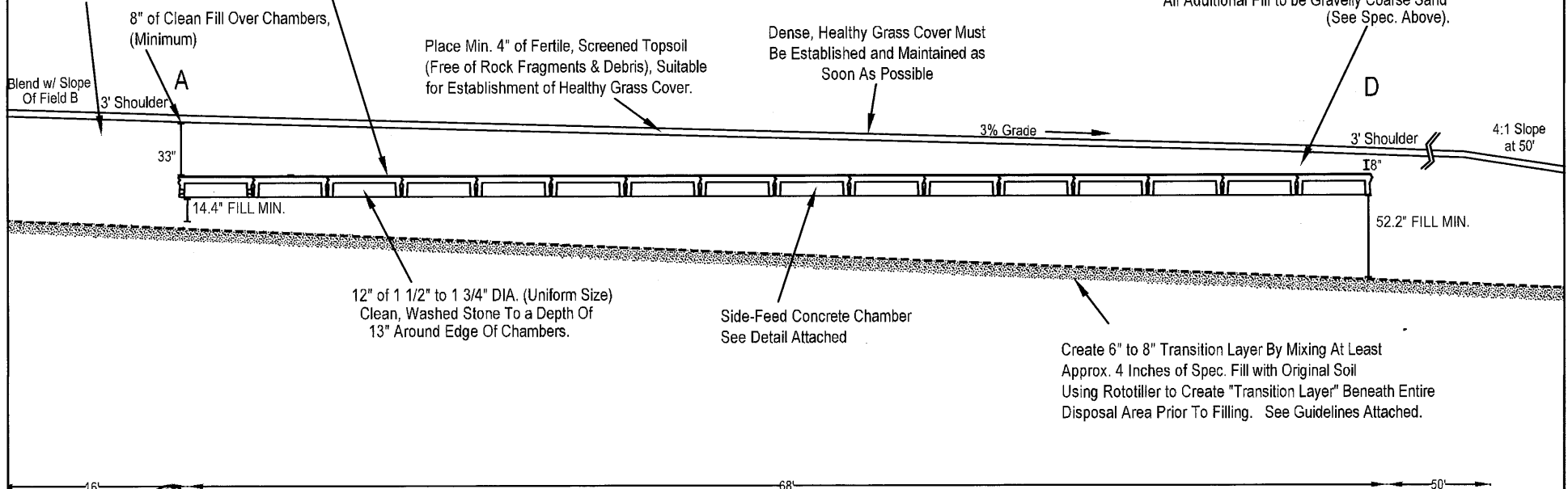
Scales:

Verticle: 1" = 10
 Horizontal: 1" = 10

* Final Grades To Be Crowned Along Center Of Disposal Area Between Bed A & B With A Minimum Of 38" Of Fill Over The Original Soils And At A Slope No Less Than 3%

Cover Top of Stone And Chambers With Filter Fabric, Mirafi 140 N or Equiv.

All Additional Fill to be Gravelly Coarse Sand (See Spec. Above).



[Signature]
 Site Evaluator Signature

264
 SE #

2-3-23
 Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
 Division of Health Engineering, Station 10
 (207) 287-5672 Fax: (207) 287-3165

Town, City, Plantation
Trenton

Street, Road, Subdivision
Gateway Center Drive

Owner or Applicant Name
MDOT Attn: Brian Keezer Keezer

SUBSURFACE WASTEWATER DISPOSAL PLAN

SEE ATTACHED
 DISPOSAL PLAN
 "FIELD B"

BACKFILL REQUIREMENTS	CONSTRUCTION ELEVATIONS (ACTUAL)		ELEVATION REFERENCE POINT (ERP)
APPROXIMATE	ERP	0"	Location & Description: <u>BENCHMARK</u> TO BE ESTABLISHED PRIOR TO CONSTRUCTION
Depth of Backfill (A-B)	77" to 97"	Finished Grade @ Center Between Fields <u>131.5' +/-</u>	
Depth of Backfill (C-D)	67"	Top of Chambers <u>128'</u> Bottom of Chambers <u>126.9'</u>	

DISPOSAL FIELD CROSS SECTION

Scales:
 Vertical: 1" = 10
 Horizontal: 1" = 10

SEE ATTACHED
 DISPOSAL FIELD CROSS SECTION
 "FIELD B"


 Site Evaluator Signature

264
 SE #

2-3-23
 Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
 Division of Health Engineering, Station 10
 (207) 287-5672 Fax: (207) 287-3165

Town, City, Plantation
Trenton

Street, Road, Subdivision
Gateway Center Drive

Owner or Applicant Name
MDOT Attn: Brian Keezer

DISPOSAL FIELD CROSS SECTION - " FIELD B"

* Note That Additional Fill May Be Placed Over and Around Disposal Field to Blend Finished Grade with Existing Slopes, If Desired.

* Blend Finish Grades To Provide A Diversion Of Runoff Away From The Disposal Field

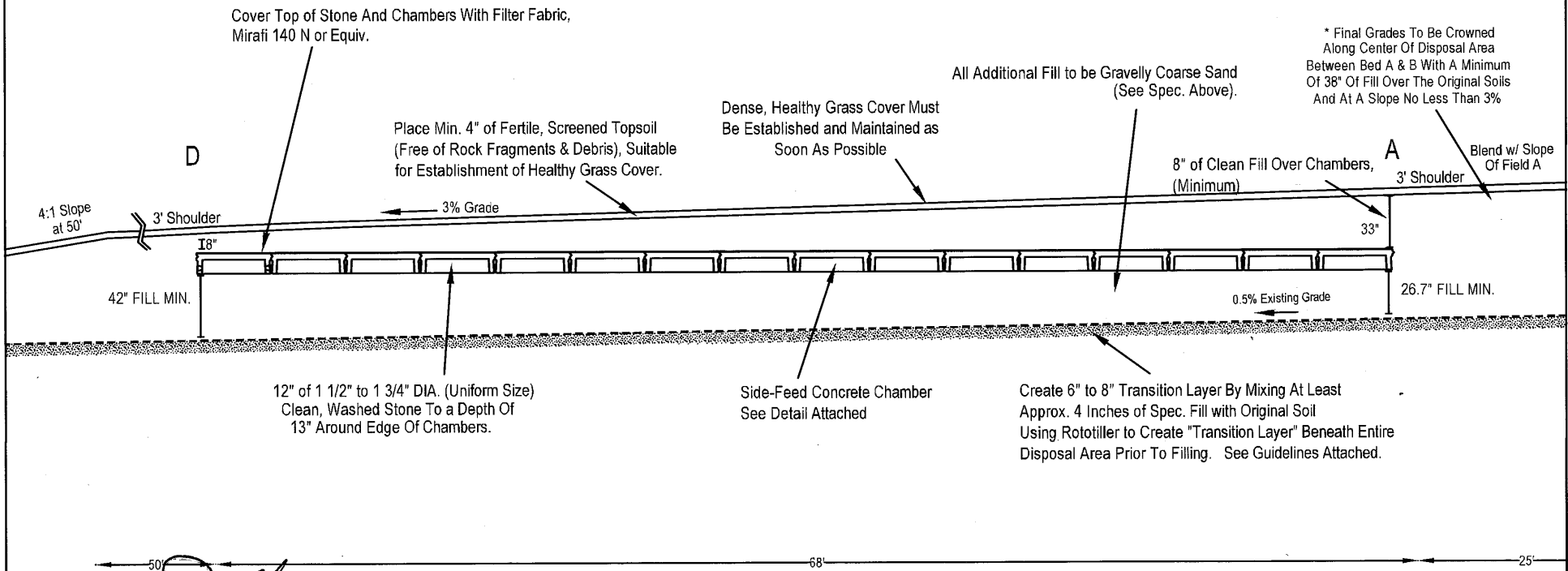
FILL MATERIAL SPEC. BY VOLUME:

- 100% LESS THAN 3" DIA.
- 15 - 30% GRAVEL (2mm-3" DIA.)
- 2-8% PASSING A # 200 SIEVE (ASTM)
- 0-2% CLAY

Scales:

Verticle: 1" = 10'

Horizontal: 1" = 10'



Cover Top of Stone And Chambers With Filter Fabric, Mirafli 140 N or Equiv.

Place Min. 4" of Fertile, Screened Topsoil (Free of Rock Fragments & Debris), Suitable for Establishment of Healthy Grass Cover.

Dense, Healthy Grass Cover Must Be Established and Maintained as Soon As Possible

All Additional Fill to be Gravelly Coarse Sand (See Spec. Above).

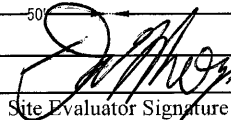
* Final Grades To Be Crowned Along Center Of Disposal Area Between Bed A & B With A Minimum Of 38" Of Fill Over The Original Soils And At A Slope No Less Than 3%

Blend w/ Slope Of Field A

12" of 1 1/2" to 1 3/4" DIA. (Uniform Size) Clean, Washed Stone To a Depth Of 13" Around Edge Of Chambers.

Side-Feed Concrete Chamber See Detail Attached

Create 6" to 8" Transition Layer By Mixing At Least Approx. 4 Inches of Spec. Fill with Original Soil Using Rototiller to Create "Transition Layer" Beneath Entire Disposal Area Prior To Filling. See Guidelines Attached.

50' 
 Site Evaluator Signature

264
 SE #

2-1-23
 Date

OVERALL



American Concrete Industries

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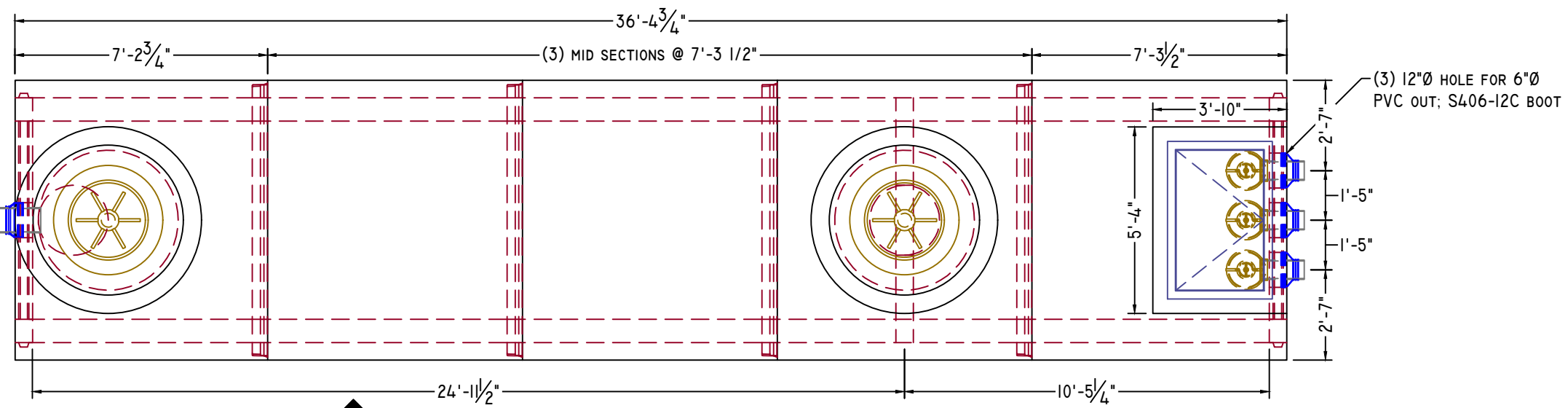
TEL: 207-947-8334

FAX: 207-947-3580

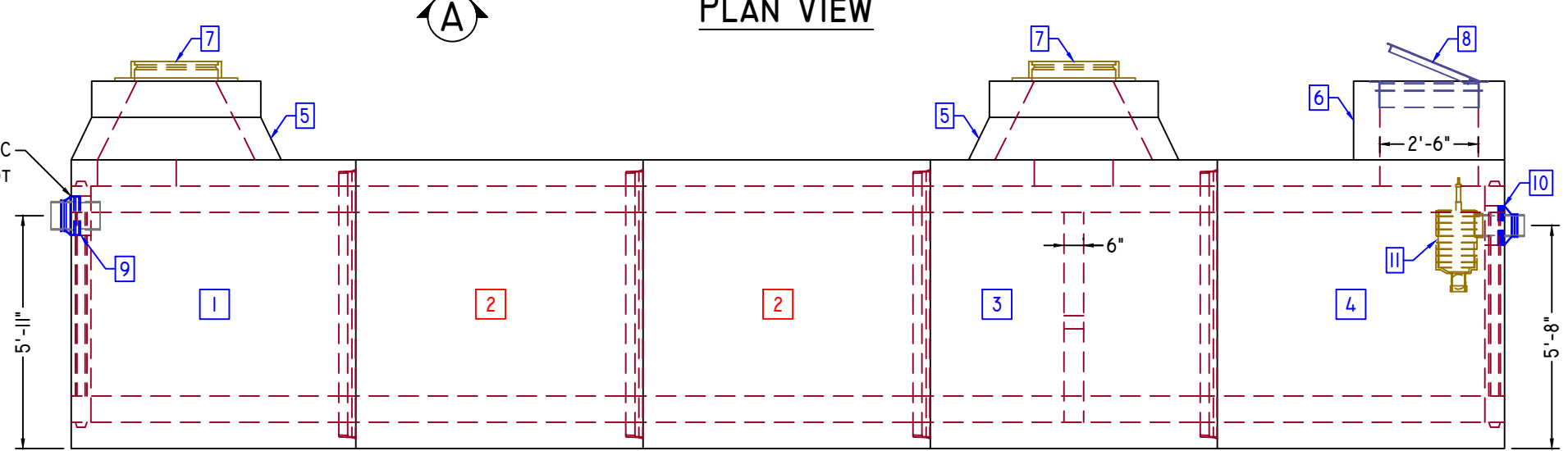
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BILL OF MATERIALS

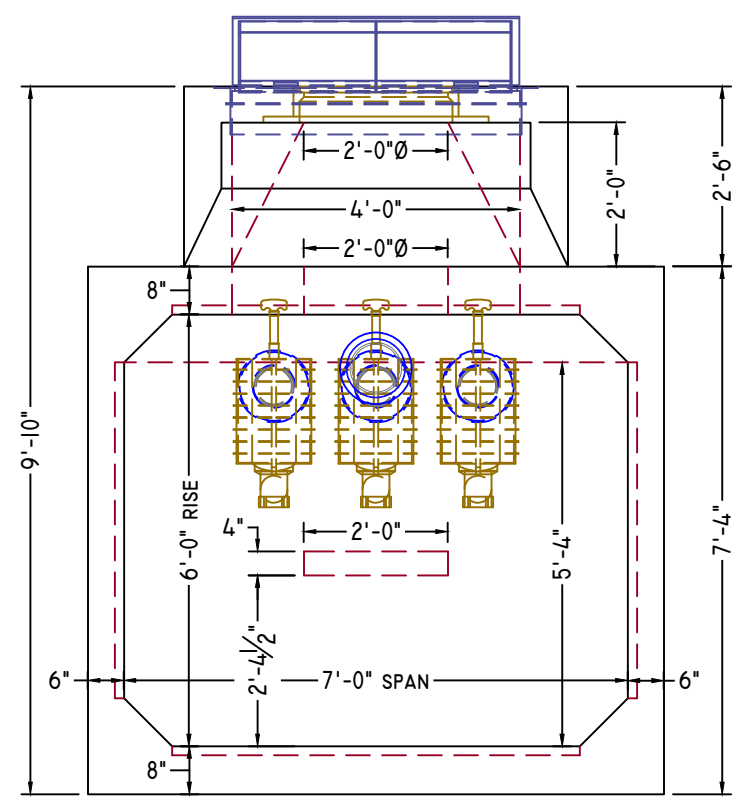
ITEM	QTY	DESCRIPTION	WEIGHT# EA
1	1	2,000GAL FEMALE END	20,990
2	2	2,000GAL MID SECTION STOCK	19,075
3	1	2,000GAL MID SECTION W/ INTERNAL WALL	21,515
4	1	2,000GAL MALE END SECTION	21,750
5	2	CISTERN RISER	2,760
6	1	3'-10" X 5'-4" CUSTOM RISER	3,875
7	2	24"Ø X 6" FRAME AND COVER	
8	1	APS300 30X48 HATCH	
9	1	S406-I2A BOOT (8"Ø PVC)	
10	3	S406-I2C BOOT (6"Ø PVC)	
11	1	ZABEL A300 FILTER	



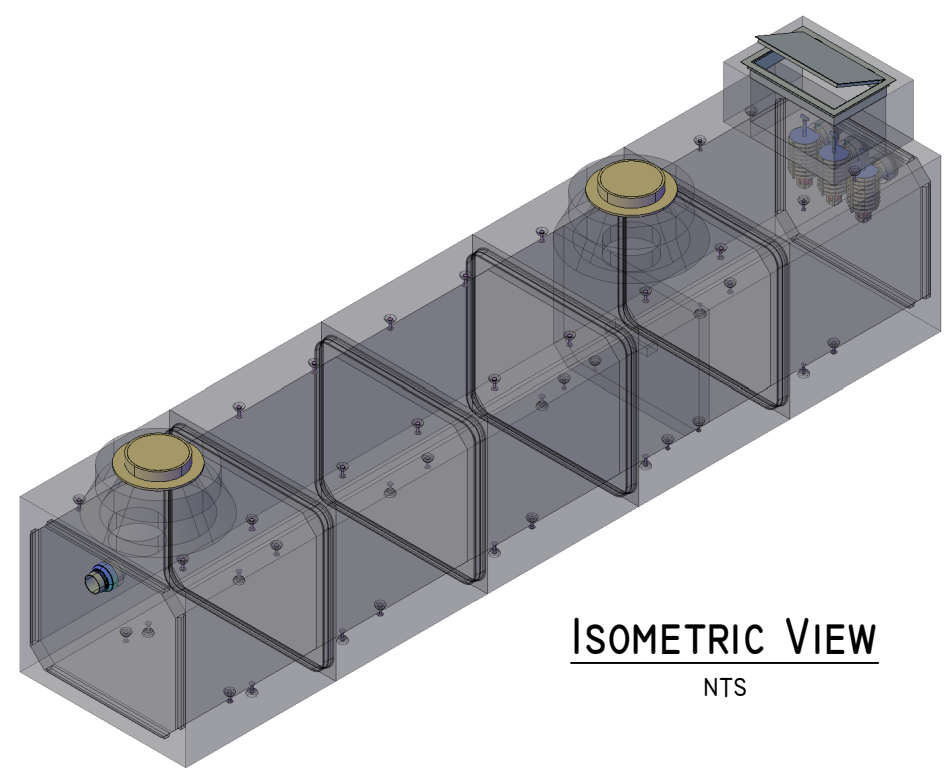
PLAN VIEW



ELEVATION-A



ELEVATION-B



ISOMETRIC VIEW

NTS

DESIGN NOTES:

1. Concrete
 - 1.1. COMP. STRENGTH MIN. 5,000PSI @ 28 DAYS
 - 1.2. AIR-ENTRAINMENT: 4% MIN - 6% MAX
2. Structural Reinforcement:
 - 2.1. BAR PER ASTM A615, GRADE 60
 - 2.2. DESIGNED FOR H20 WHEEL LOAD RATING
 - 2.3. 1 1/2" CLR TYP. UNLESS NOTED OTHERWISE
3. Manufacturing / Installation:
 - 3.1. JOINTS SEALED WITH TERRATHANE 24-035
 - 3.2. PIPING SUPPLIED AND INSTALLED BY OTHERS
 - 3.3. FINAL ADJUSTMENTS TO REACH FINISHED GRADE BY OTHERS

MAXIMUM CAPACITY: 10,749GAL
USEABLE CAPACITY: 8,565GAL

NOTE: Some details not shown for clarity.
SCALE: 1/4" = 1'-0" Unless noted otherwise.

STRUCTURE NAME:
10,000GAL DUAL COMPARTMENT SEPTIC TANK

JOB NAME:
ACADIA VISITORS CENTER

LOCATION:
TRENTON, ME

CONTRACTOR:

DRAWN BY: SSM DATE: 12/09/2022

REV.#: 0.00 DATE: 12/09/2022

T2.0



1717 Stillwater Ave.
 Veazie, ME 04401
 (207)947-8334, 207-947-3580 Fax
 982 Minot Ave.
 Auburn, ME 04210
 (207)784-1388, 207-783-4039 Fax
 www.americanconcrete.com

Structure: Splitter MH
Job Number: Invoice #: 002
Job Name: Acadia Gateway Facility
Job Location: Trenton

Contractor:
Frame/Ring:
Grate/Cover:
Channel: No Channel
Coating: PPS 922 Superseal Outside VF(5)
Boots: Yes (3)
Steps:
AFSF: 1.21

Design Build Height

Top of Casting	+	100.00'
Outlet I.E. #1	-	95.75'
Inlet #2		96.00'
Inlet #3		95.75'
Design Height	=	4.25'

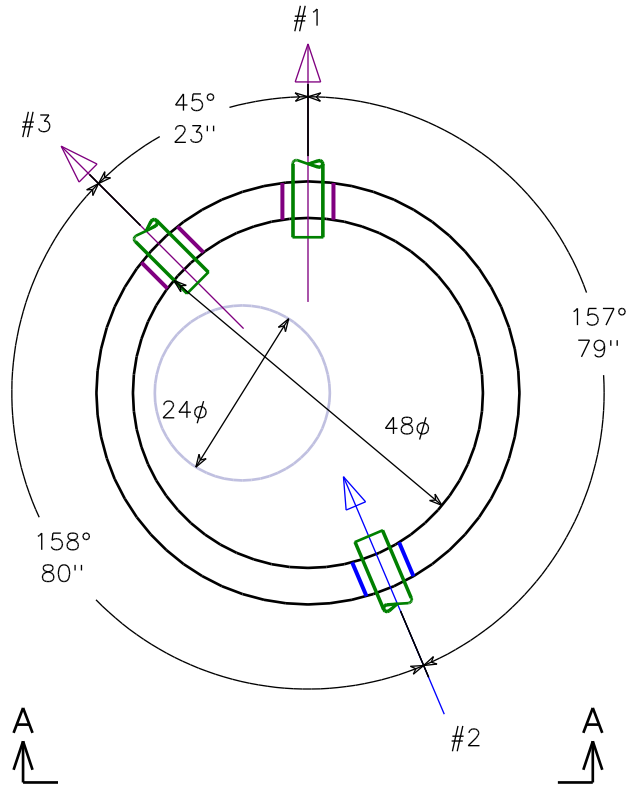
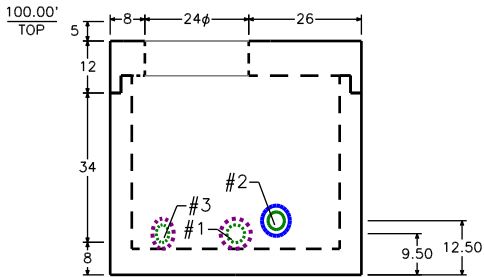
Status:
Notes:

Elevation (View A-A)

Opening Schedule

ID	Center	Pipe Size	Hole Size	Connector	Angle	Invert
#1	9.50"	4" PVC Sdr 35	7.00" Ø	S106-7WS NPC Boot	0°	95.75'
#2	12.50"	4" PVC Sdr 35	7.00" Ø	S106-7WS NPC Boot	157°	96.00'
#3	9.50"	4" PVC Sdr 35	7.00" Ø	S106-7WS NPC Boot	315°	95.75'

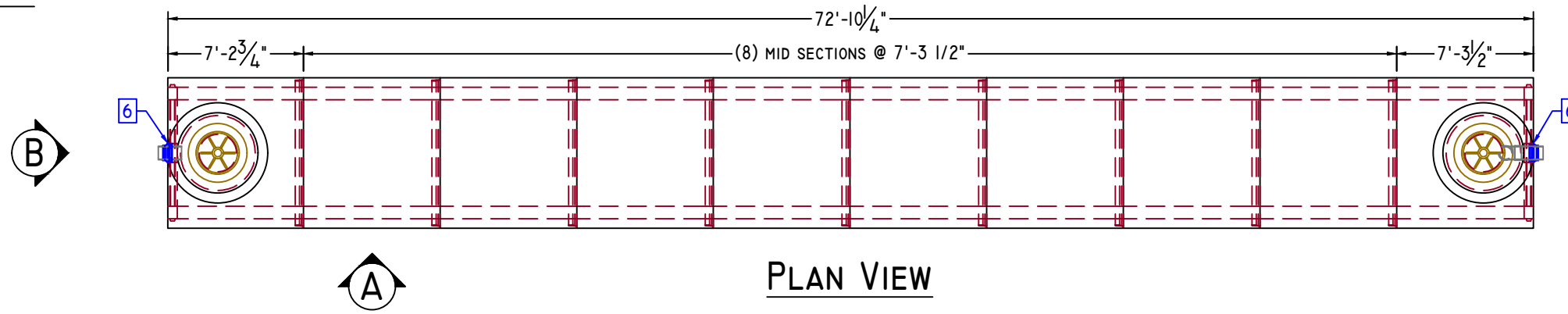
Plan View



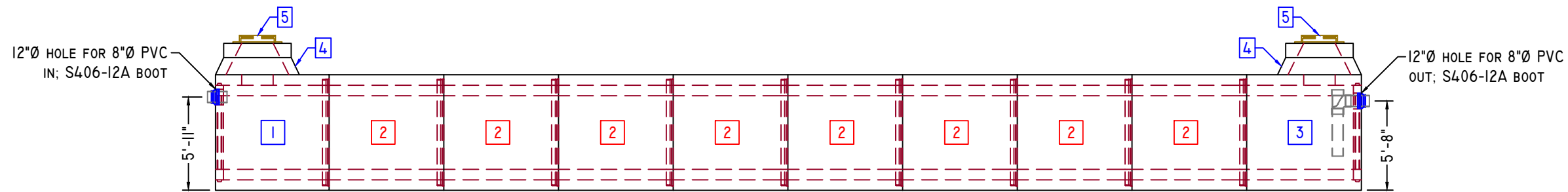
BOM For Stack

Section ID	Description	Qty.	Weight
A	48" Offset Flat Top (24" opening)	1	1,835
B	48" x 42" Custom Base w/3 Holes 6"TH	1	4,068
Totals (precast+frame, lbs)		2	5,903

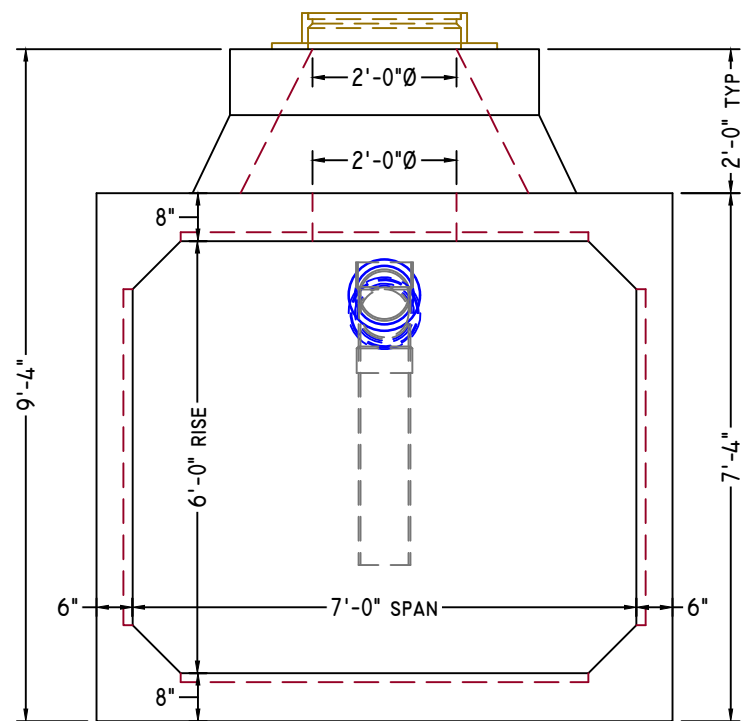
OVERALL



PLAN VIEW

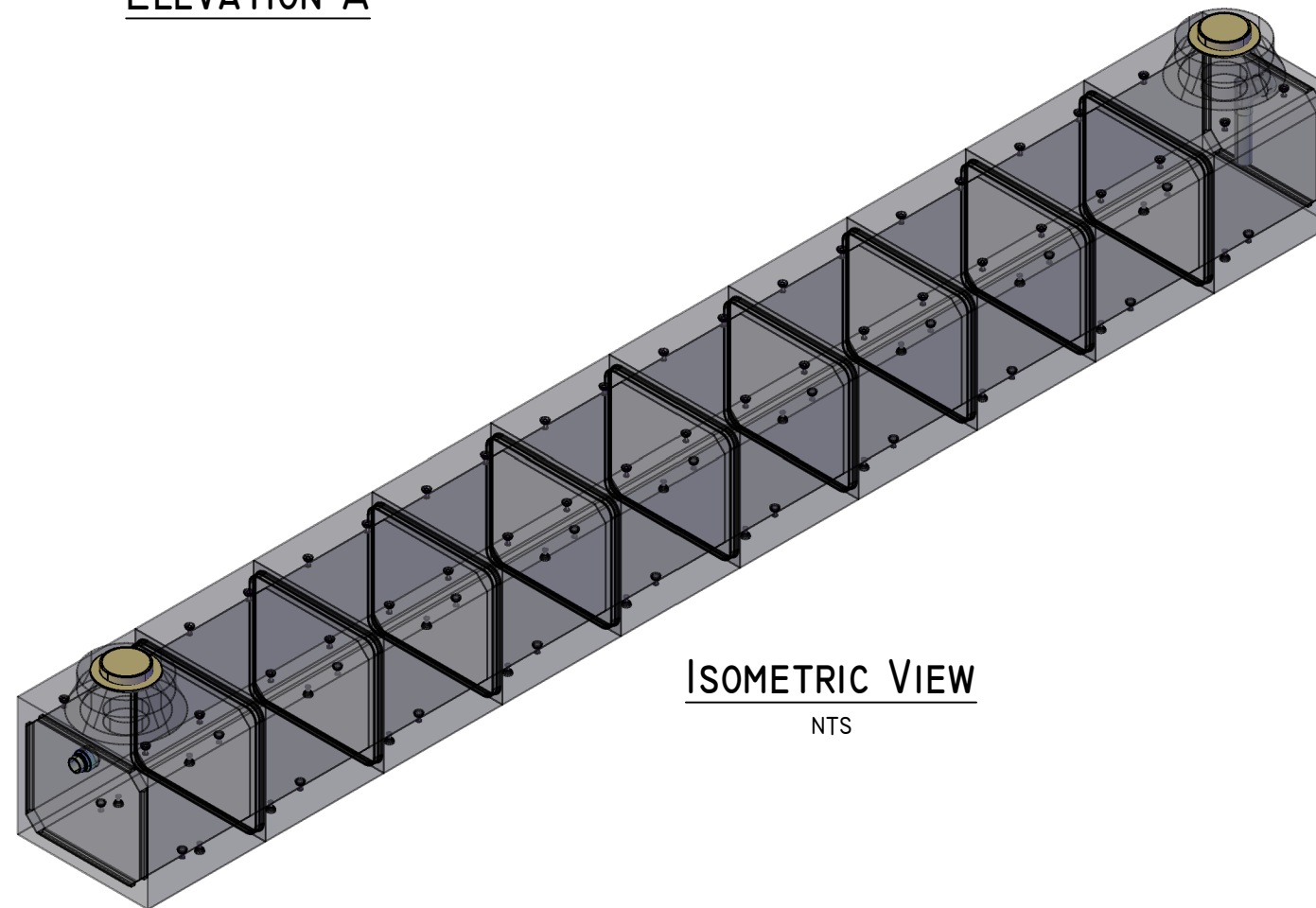


ELEVATION-A



ELEVATION-B

3/8" = 1'-0"



ISOMETRIC VIEW

NTS



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FAX: 207-947-3580

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BILL OF MATERIALS

ITEM	QTY	DESCRIPTION	WEIGHT# EA
1	1	2,000GAL FEMALE END	20,990
2	8	2,000GAL MID SECTION STOCK	19,075
3	1	2,000GAL MALE END SECTION	22,540
4	2	CISTERN RISER	2,760
5	2	24"Ø X 6" FRAME AND COVER	
6	1	S406-I2A BOOT (8"Ø PVC)	

DESIGN NOTES:

1. **Concrete**
 - 1.1. COMP. STRENGTH MIN. 5,000PSI @ 28 DAYS
 - 1.2. AIR-ENTRAINMENT: 4% MIN - 6% MAX
2. **Structural Reinforcement:**
 - 2.1. BAR PER ASTM A615, GRADE 60
 - 2.2. DESIGNED FOR H20 WHEEL LOAD RATING
 - 2.3. 1 1/2" CLR TYP. UNLESS NOTED OTHERWISE
3. **Manufacturing / Installation:**
 - 3.1. JOINTS SEALED WITH TERRATHANE 24-035
 - 3.2. PIPING SUPPLIED AND INSTALLED BY OTHERS
 - 3.3. FINAL ADJUSTMENTS TO REACH FINISHED GRADE BY OTHERS

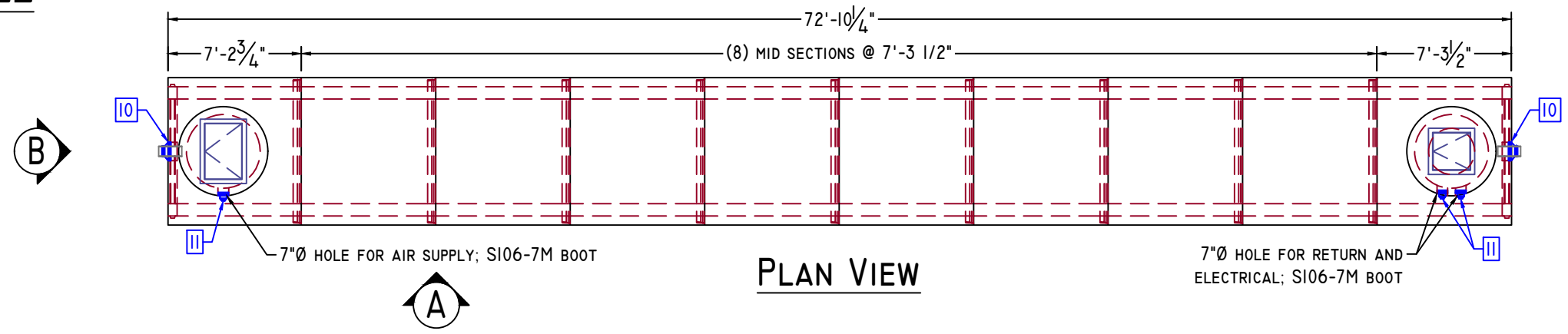
MAXIMUM CAPACITY PER TANK: 22,095GAL
USEABLE CAPACITY PER TANK: 17,318GAL

NOTE: Some details not shown for clarity.
SCALE: 1/8" = 1'-0" Unless noted otherwise.

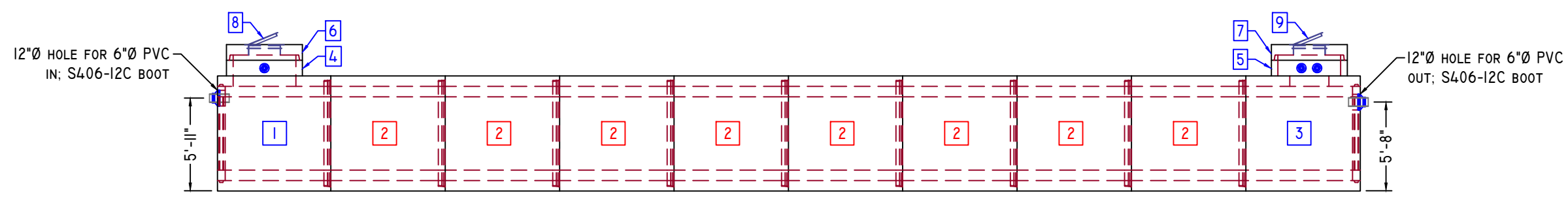
STRUCTURE NAME: 20,000GAL SEPTIC TANK	
JOB NAME: ACADIA VISITORS CENTER	
LOCATION: TRENTON, ME	
CONTRACTOR:	

DRAWN BY: SSM	DATE: 12/09/2022	TI.0
REV.#: 0.00	DATE: 12/09/2022	

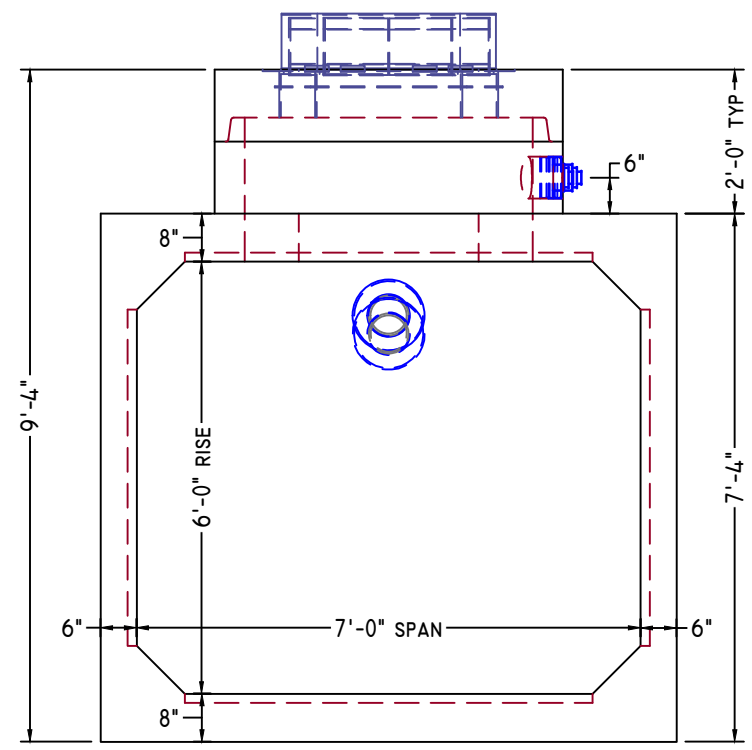
OVERALL



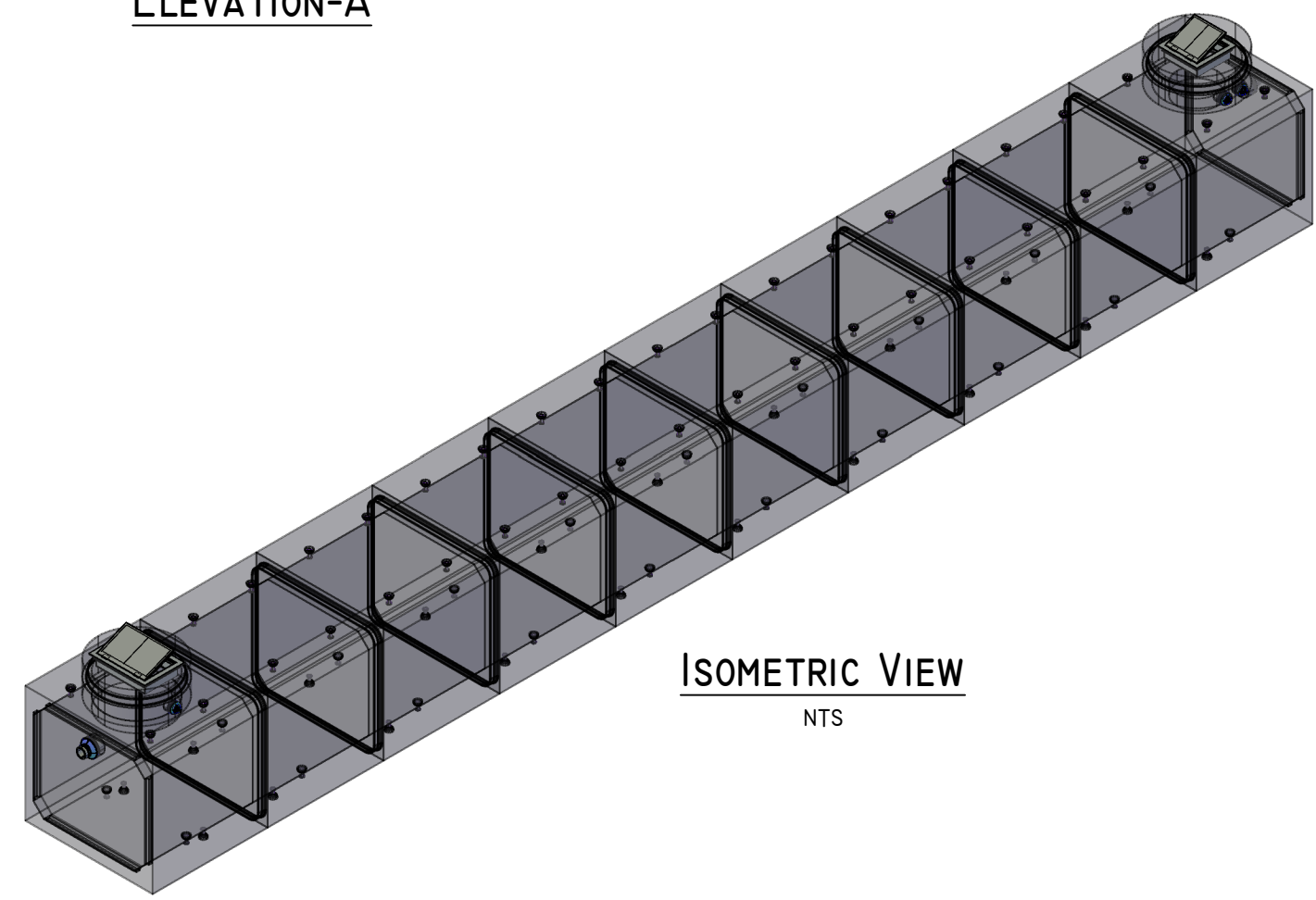
PLAN VIEW



ELEVATION-A



ELEVATION-B
3/8" = 1'-0"



ISOMETRIC VIEW
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BILL OF MATERIALS

ITEM	QTY	DESCRIPTION	WEIGHT# EA
1	2	2,000GAL FEMALE END	20,990
2	16	2,000GAL MID SECTION STOCK	19,075
3	2	2,000GAL MALE END SECTION	22,540
4	2	4'Ø X 1' FLAT BOTTOM MH BARREL	990
5	2	4'Ø X 1' FLAT BOTTOM MH BARREL	970
6	2	FLAT TOP COVER FOR 4'Ø	1,355
7	2	FLAT TOP COVER FOR 4'Ø	1,560
8	2	APS300 24x36 HATCH	
9	2	APS300 24x24 HATCH	
10	4	S406-12A BOOT (8"Ø PVC)	
11	6	SI06-7M BOOT (VARIOUS)	

- DESIGN NOTES:**
- Concrete**
 - 1.1. COMP. STRENGTH MIN. 5,000PSI @ 28 DAYS
 - 1.2. AIR-ENTRAIMENT: 4% MIN - 6% MAX
 - Structural Reinforcement:**
 - 2.1. BAR PER ASTM A615, GRADE 60
 - 2.2. DESIGNED FOR H20 WHEEL LOAD RATING
 - 2.3. 1 1/2" CLR TYP. UNLESS NOTED OTHERWISE
 - Manufacturing / Installation:**
 - 3.1. JOINTS SEALED WITH TERRATHANE 24-035
 - 3.2. PIPING SUPPLIED AND INSTALLED BY OTHERS
 - 3.3. FINAL ADJUSTMENTS TO REACH FINISHED GRADE BY OTHERS

MAXIMUM CAPACITY PER TANK: 22,095GAL
 USEABLE CAPACITY PER TANK: 17,632GAL

NOTE: Some details not shown for clarity.
SCALE: 1/8" = 1'-0" Unless noted otherwise.

STRUCTURE NAME: (2) 20,000GAL OXYPRO TANK	
JOB NAME: ACADIA VISITORS CENTER	
LOCATION: TRENTON, ME	
CONTRACTOR:	
DRAWN BY: SSM	DATE: 12/09/2022
REV.#: 0.00	DATE: 12/09/2022

T3.0



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 Veazie, ME 04401
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 982 Minot Ave.
 Auburn, ME 04210
 (207)784-1388, 207-783-4039 Fax
 www.americanconcrete.com

Structure: Distribution MH
Job Number: Invoice #: 001
Job Name: Acadia Gateway Facility
Job Location: Trenton
Contractor:
Frame/Ring:
Grate/Cover:
Channel: No Channel
Coating: PPS 922 Superseal Outside VF(5)
Boots: Yes (10)
Steps:
AFSF: 1.26

Design Build Height

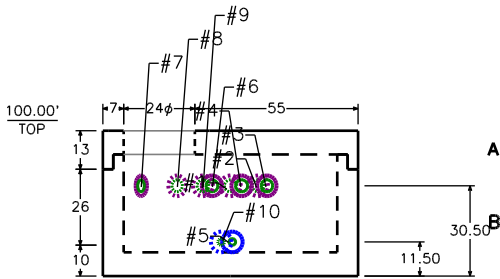
Top of Casting	+	100.00'
Lowest I.E. #5	-	96.50'
Outlet I.E. #1		98.00'
Inlet #2		98.00'
Inlet #3		98.00'
Inlet #4		98.00'
Inlet #6		98.00'
Inlet #7		98.00'
Inlet #8		98.00'
Inlet #9		98.00'
Inlet #10		96.50'
Design Height	=	3.50'

Status:
Notes:

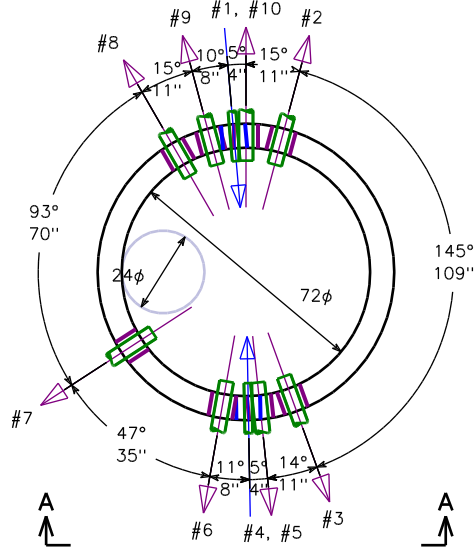
Elevation (View A-A)

Opening Schedule

ID	Center	Pipe Size	Hole Size	Connector	Angle	Invert
#1	30.50"	4" PVC Sdr 35	7.00" Ø	S106-7WS NPC Boot	0°	98.00'
#2	30.50"	4" PVC Sdr 35	7.00" Ø	S106-7WS NPC Boot	15°	98.00'
#3	30.50"	4" PVC Sdr 35	7.00" Ø	S106-7WS NPC Boot	160°	98.00'
#4	30.50"	4" PVC Sdr 35	7.00" Ø	S106-7WS NPC Boot	174°	98.00'
#5	11.50"	2" PVC Sdr 21	7.00" Ø	S106-7MWS NPC Boo	179°	96.50'
#6	30.50"	4" PVC Sdr 35	7.00" Ø	S106-7WS NPC Boot	190°	98.00'
#7	30.50"	4" PVC Sdr 35	7.00" Ø	S106-7WS NPC Boot	237°	98.00'
#8	30.50"	4" PVC Sdr 35	7.00" Ø	S106-7WS NPC Boot	330°	98.00'
#9	30.50"	4" PVC Sdr 35	7.00" Ø	S106-7WS NPC Boot	345°	98.00'
#10	11.50"	2" PVC Sdr 21	7.00" Ø	S106-7MWS NPC Boo	355°	96.50'



Plan View



BOM For Stack

Section ID	Description	Qty.	Weight
A	72" Offset Flat Top (24" opening)	1	4,035
B	72" x 36" Custom Base w/10 Holes 8"TH	1	8,388
Totals (precast+frame, lbs)		2	12,423

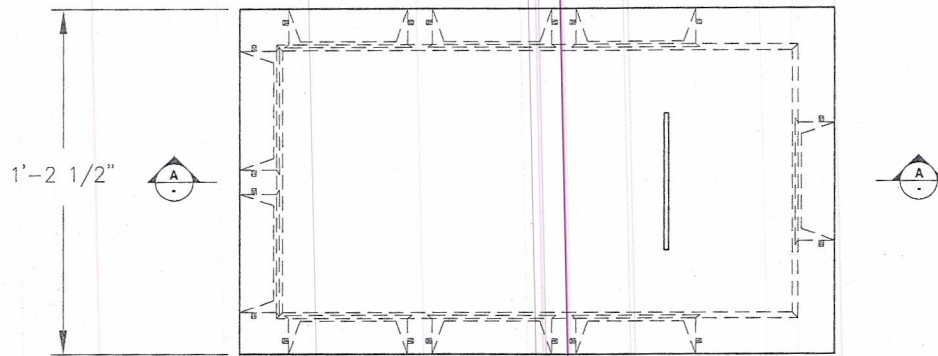
8 Outlet Distribution Box

Weight: 155 lbs
Item # 2906

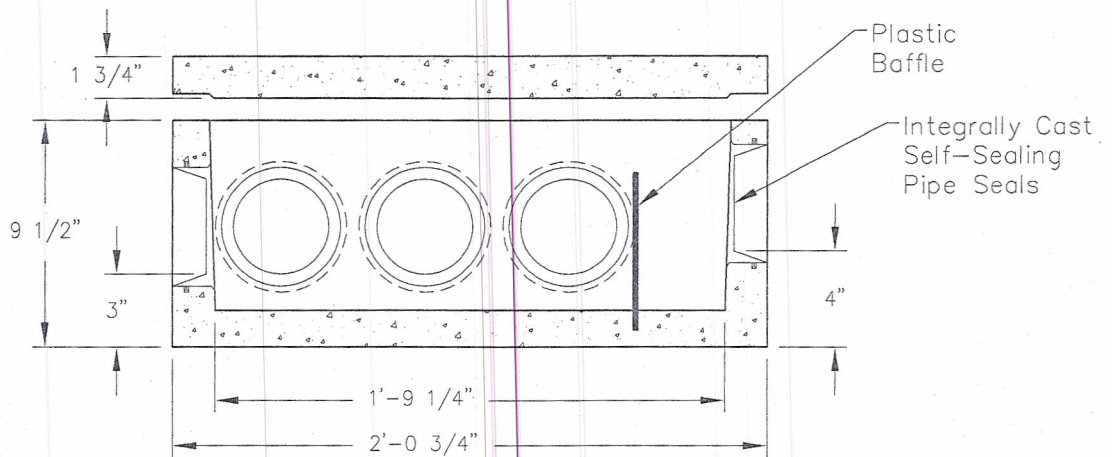
General Notes

Concrete Specifications:

- 1) 4000 psi after 28 days with 4%-6% air
- 2) Reinforcing is grade 60
- 3) Cover not designed for vehicle loads.
- 4) All penetrations to distribution boxes are integrally cast
- 5) Box should be covered with 2" Styrofoam Insulation



Plan View



Section A-A



American Concrete Industries

1022 Minot Ave. Auburn, ME / 1717 Stillwater Ave. Veazie, ME
Tel: 207-784-1388 / Tel: 207-947-8334

Last Revised:
05/10

PG. IG3



American Concrete Industries

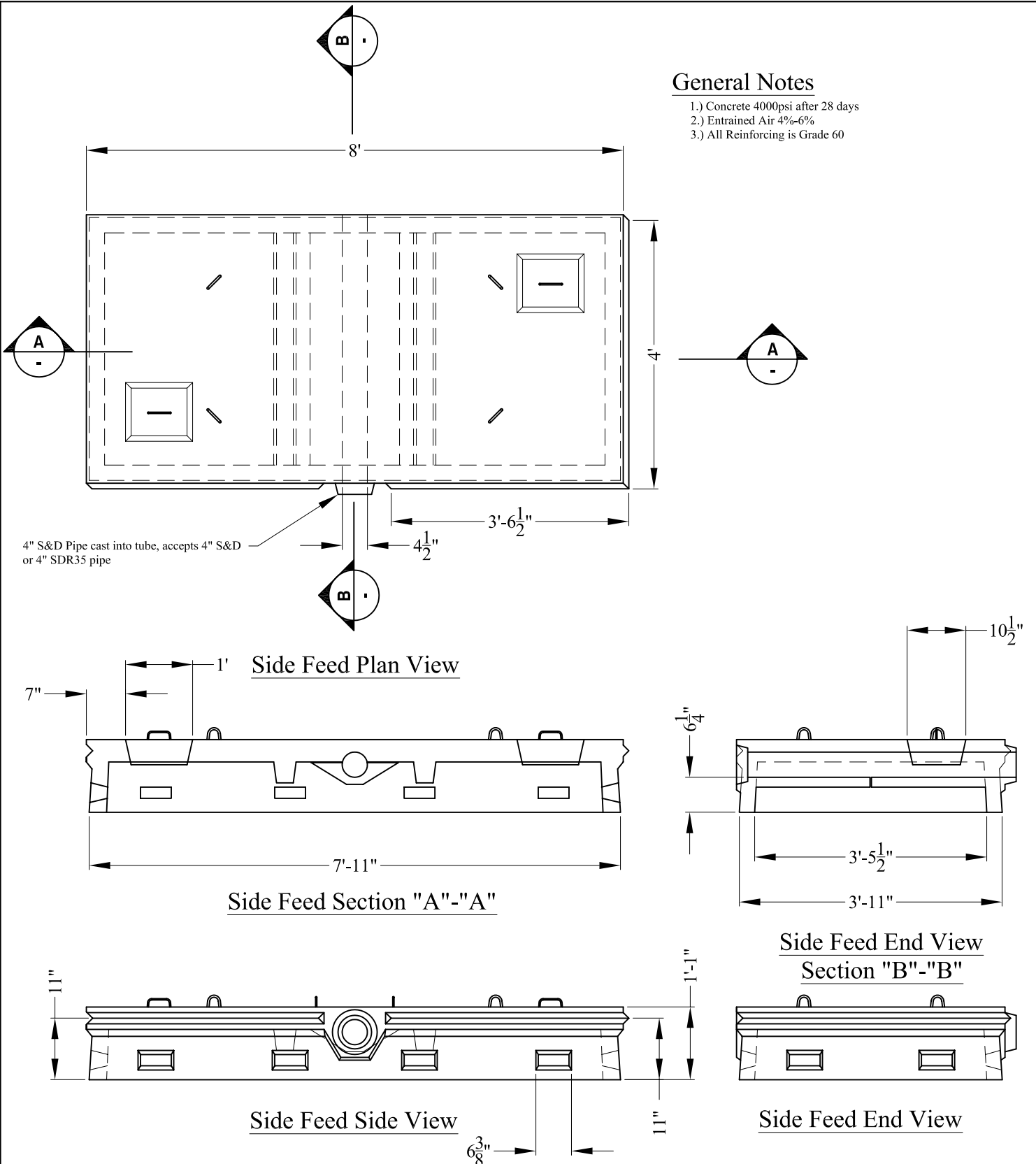
4' X 8' SF Flow Diffuser

Catalog Section: Residential. Leaching Chambers

Layout Name:

General Notes

- 1.) Concrete 4000psi after 28 days
- 2.) Entrained Air 4%-6%
- 3.) All Reinforcing is Grade 60



SECTION 06 41 13

WOOD-VENEER-FACED ARCHITECTURAL CABINETS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section Includes:

1. Architectural wood cabinets.
2. Wood slatwall.
3. Wood furring, blocking, shims, and hanging strips for installing architectural wood cabinets unless concealed within other construction before cabinet installation.
4. Shop finishing of architectural wood cabinets.

B. Related Requirements:

1. Section 061000 "Rough Carpentry" for wood furring, blocking, shims, and hanging strips required for installing cabinets and concealed within other construction before cabinet installation.
2. Section 123631 "Simulated Stone Countertops".

1.3 PREINSTALLATION MEETINGS

- A. Preinstallation Conference: Conduct conference at Project site.

1.4 SUBMITTALS

- A. Product Data: For each type of product, including panel products, cabinet hardware and accessories and finishing materials and processes.

1. Include data for fire-retardant treatment from chemical-treatment manufacturer and certification by treating plant that treated materials comply with requirements.

- B. Shop Drawings: Show location of each item, dimensioned plans and elevations, large-scale details, attachment devices, and other components.

1. Show details full size.

2. Show locations and sizes of furring, blocking, and hanging strips, including concealed blocking and reinforcement specified in other Sections.

3. Show locations and sizes of cutouts and holes for electrical switches and outlets and other items installed in architectural wood cabinets.
 4. Show veneer leaves with dimensions, grain direction, exposed face, and identification numbers indicating the flitch and sequence within the flitch for each leaf.
- C. Samples for Verification:
1. Lumber for transparent finish, not less than 5 inches (125 mm) wide by 12 inches (300 mm) long, for each species and cut, finished on one side and one edge.
 2. Veneer leaves representative of and selected from flitches to be used for transparent- finished cabinets.
 3. Exposed cabinet hardware and accessories, one unit for each type and finish.
- D. Qualification Data: For fabricator.
- E. Product Certificates: For the following:
1. Composite wood and agrifiber products.
 2. Adhesives.
- F. Evaluation Reports: For fire-retardant-treated materials, from ICC-ES.
- 1.5 QUALITY ASSURANCE
- A. Fabricator Qualifications: Shop that employs skilled workers who custom fabricate products similar to those required for this Project and whose products have a record of successful in- service performance.
- 1.6 DELIVERY, STORAGE, AND HANDLING
- A. Do not deliver cabinets until painting and similar operations that could damage woodwork have been completed in installation areas. If cabinets must be stored in other than installation areas, store only in areas where environmental conditions comply with requirements specified in "Field Conditions" Article.
- 1.7 FIELD CONDITIONS
- A. Environmental Limitations: Do not deliver or install cabinets until building is enclosed, wet work is complete, and HVAC system is operating and maintaining temperature and relative humidity at occupancy levels during the remainder of the construction period.
- B. Field Measurements: Where cabinets are indicated to fit to other construction, verify dimensions of other construction by field measurements before fabrication, and indicate measurements on Shop Drawings. Coordinate fabrication schedule with construction progress to avoid delaying the Work.

1. Locate concealed framing, blocking, and reinforcements that support cabinets by field measurements before being enclosed, and indicate measurements on Shop Drawings.
 - C. Established Dimensions: Where cabinets are indicated to fit to other construction, establish dimensions for areas where cabinets are to fit. Provide allowance for trimming at site, and coordinate construction to ensure that actual dimensions correspond to established dimensions.
- 1.8 COORDINATION
- A. Coordinate sizes and locations of framing, blocking, furring, reinforcements, and other related units of Work specified in other Sections to ensure that wood-veneer-faced architectural cabinets can be supported and installed as indicated.

PART 2 - PRODUCTS

2.1 ARCHITECTURAL WOOD CABINETS, GENERAL

- A. Quality Standard: Unless otherwise indicated, comply with the "Architectural Woodwork Standards" for grades of architectural wood cabinets indicated for construction, finishes, installation, and other requirements.
 1. The Contract Documents contain selections chosen from options in the quality standard and additional requirements beyond those of the quality standard. Comply with those selections and requirements in addition to the quality standard.

2.2 WOOD CABINETS FOR TRANSPARENT FINISH

- A. Grade: Premium.
- B. Regional Materials: Wood cabinets for transparent finish shall be manufactured within 500 miles (800 km) of Project site.
- C. Certified Wood: Wood cabinets for transparent finish shall be produced from wood certified as "FSC Pure" according to FSC STD-01-001, "FSC Principles and Criteria for Forest Stewardship," and FSC STD-40-004, "FSC Standard for Chain of Custody Certification."
- D. Type of Construction: Face frame.
- E. Cabinet and Door and Drawer Front Interface Style: Reveal overlay.
- F. Reveal Dimension: 1/2 inch (13 mm).
- G. Wood for Exposed Surfaces:
 1. Species: Select White Birch.
 2. Cut: Quarter cut/quarter sawn.

3. Grain Direction: As indicated on Drawings.
 4. Matching of Veneer Leaves: Book match.
 5. Veneer Matching within Panel Face: Center-balance match.
- H. Semiexposed Surfaces: Provide surface materials indicated below:
1. Surfaces Other Than Drawer Bodies: Same species and cut indicated for exposed surfaces.
 2. Drawer Subfronts, Backs, and Sides: Solid-hardwood lumber, same species indicated for exposed surfaces.
 3. Drawer Bottoms: Hardwood plywood.
- I. Dust Panels: 1/4-inch (6.4-mm) plywood or tempered hardboard above compartments and drawers unless located directly under tops.
- J. Drawer Construction: Fabricate with exposed fronts fastened to subfront with mounting screws from interior of body.
1. Join subfronts, backs, and sides with glued dovetail joints.

2.3 WOOD MATERIALS

- A. Wood Products: Provide materials that comply with requirements of referenced quality standard for each type of woodwork and quality grade specified unless otherwise indicated.
1. Do not use plain-sawn softwood lumber with exposed, flat surfaces more than 3 inches (75 mm) wide.
 2. Wood Moisture Content: 8 to 13 percent.
- B. Plywood Core Products: Provide “Baltic Birch” or Freeman “Eurobirch” plywood cores with exposed edges.
- C. Slatwall: Basis of design is Windmill Anchor Core Standard Slatwall, natural wood finish selected by architect. Provide manufacturer’s J-Molding at exposed edges.

2.4 CABINET HARDWARE AND ACCESSORIES

- A. General: Provide cabinet hardware and accessory materials associated with architectural cabinets.
- B. Millwork Pulls: Provide as follows:
1. Mockett – Angled Bar Pull, DP54C – 6-¾ in. Stainless Steel (Pulls for main area millwork)
 2. Mockett – Wire Pull, DP57B – 4-¼ in. Stainless Steel (Pulls for First Aid & Kitchenette)

Cabinets)

- C. Millwork Grommets: Provide as follows:
 - 1. Mockett – Large Metal Grommet, MAX2/B-94 “The Max 2” Small Rectangular Satin Aluminum (Computer Counters)
 - 2. Mockett – Round Metal Grommet, ABG3-94 – 3-½ in. Aluminum w/Brush (Typical millwork counters, i.e. retail, reception, etc.)
- D. Draw Latch (Reception Desk): Provide Model No. 5CRU6, stainless steel, spring-loaded latch, as manufactured by Grainger.
- E. Concealed Door Hinges: Provide European style, concealed hinges, equal to “Blumotion” hinges by Blum, Inc.; or equal by Hefele.
- F. Heavy Duty Caster (Reception Desk): Provide Model #51T3C52V, 51 Series Heavy-Duty Casters, as manufactured by W.T Hight Co.; Pembroke, MA.
- G. Heavy Duty Drawer Glides/Runners: Provide Tandem Plus Blumotion, full extension drawer glides and runners, as manufactured by Blum, Inc.
- H. Shelf Brackets: Heavy-duty stainless steel units for use with slatwall.

2.5 MISCELLANEOUS MATERIALS

- A. Furring, Blocking, Shims, and Hanging Strips: Softwood or hardwood lumber, kiln dried to less than 15 percent moisture content.
- B. Anchors: Select material, type, size, and finish required for each substrate for secure anchorage. Provide metal expansion sleeves or expansion bolts for post-installed anchors. Use nonferrous- metal or hot-dip galvanized anchors and inserts at inside face of exterior walls and at floors.
- C. Adhesives: Do not use adhesives that contain urea formaldehyde.

2.6 FABRICATION

- A. Fabricate woodwork to dimensions, profiles, and details indicated. Ease edges to radius indicated for the following:
 - 1. Corners of Cabinets: 1/16 inch (1.5 mm) unless otherwise indicated.
- B. Complete fabrication, including assembly, finishing, and hardware application, to maximum extent possible before shipment to Project site. Disassemble components only as necessary for shipment and installation. Where necessary for fitting at site, provide ample allowance for scribing, trimming, and fitting.
 - 1. Notify Architect seven days in advance of the dates and times woodwork fabrication will be complete.
 - 2. Trial fit assemblies at fabrication shop that cannot be shipped completely

assembled. Install dowels, screws, bolted connectors, and other fastening devices that can be removed after trial fitting. Verify that various parts fit as intended and check measurements of assemblies against field measurements before disassembling for shipment.

- C. Shop-cut openings to maximum extent possible to receive hardware, appliances, electrical work, and similar items. Locate openings accurately and use templates or roughing-in diagrams to produce accurately sized and shaped openings. Sand edges of cutouts to remove splinters and burrs.

2.7 SHOP FINISHING

- A. General: Finish architectural wood cabinets at fabrication shop as specified in this Section. Defer only final touchup, cleaning, and polishing until after installation.
- B. Preparation for Finishing: Comply with referenced quality standard for sanding, filling countersunk fasteners, sealing concealed surfaces, and similar preparations for finishing architectural wood cabinets, as applicable to each unit of work.
- C. Transparent Finish:
 - 1. Grade: Premium.
 - 2. Finish: System - 5, conversion varnish.
 - 3. Staining: Match approved sample for color.
 - 4. Sheen: Satin, 31-45 gloss units measured on 60-degree gloss meter per ASTM D 523.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Before installation, condition cabinets to average prevailing humidity conditions in installation areas.
- B. Before installing cabinets, examine shop-fabricated work for completion and complete work as required, including removal of packing and backpriming.

3.2 INSTALLATION

- A. Grade: Install cabinets to comply with same grade as item to be installed.
- B. Assemble cabinets and complete fabrication at Project site to the extent that it was not completed in the shop.
- C. Install cabinets level, plumb, true, and straight. Shim as required with concealed shims. Install level and plumb to a tolerance of 1/8 inch in 96 inches (3 mm in 2400 mm).
- D. Scribe and cut cabinets to fit adjoining work, refinish cut surfaces, and repair damaged finish at cuts.

- E. Anchor cabinets to anchors or blocking built in or directly attached to substrates. Secure with countersunk, concealed fasteners and blind nailing.
 - 1. For shop finished items use filler matching finish of items being installed.
- F. Cabinets: Install without distortion so doors and drawers fit openings properly and are accurately aligned. Adjust hardware to center doors and drawers in openings and to provide unencumbered operation. Complete installation of hardware and accessory items as indicated.
 - 1. Install cabinets with no more than 1/8 inch in 96-inch (3 mm in 2400-mm) sag, bow, or other variation from a straight line.
 - 2. Maintain veneer sequence matching of cabinets with transparent finish.
 - 3. Fasten wall cabinets through back, near top and bottom, and at ends not more than 16 inches (400 mm) o.c. with No. 10 wafer-head screws sized for not less than 1-1/2-inch (38-mm) penetration into wood framing, blocking, or hanging strips.
- G. Touch up finishing work specified in this Section after installation of woodwork. Fill nail holes with matching filler where exposed.
 - 1. Apply specified finish coats, including stains and paste fillers if any, to exposed surfaces where only sealer/prime coats are applied in shop.

3.3 ADJUSTING AND CLEANING

- A. Repair damaged and defective cabinets, where possible, to eliminate functional and visual defects; where not possible to repair, replace woodwork. Adjust joinery for uniform appearance.
- B. Clean, lubricate, and adjust hardware.
- C. Clean cabinets on exposed and semiexposed surfaces. Touch up shop-applied finishes to restoredamaged or soiled areas.

PART 4 - PAYMENT PROCEDURES

4.1 APPLICATIONS FOR PAYMENT

- A. Each Application for Payment following the initial Application for Payment shall be consistent with previous applications and payments. Payment shall be based on percentage of work completed and cost of materials and equipment.
 - 1. Entries shall match data on the schedule of values and Contractor's construction schedule. Use updated schedules if revisions were made.
 - 2. Include amounts for work completed following previous Application for Payment, whether or not payment has been received. Include only amounts for work completed at time of Application for Payment.

3. Include amounts of Change Orders and Construction Change Directives issued before lastday of construction period covered by application.
- B. Stored Materials: Include in Application for Payment amounts applied for materials or equipment purchased or fabricated and stored, but not yet installed. Differentiate between items stored on-site and items stored off-site.
1. Provide certificate of insurance, evidence of transfer of title to Owner, and consent of surety to payment, for stored materials.
 2. Provide supporting documentation that verifies amount requested, such as paid invoices. Match amount requested with amounts indicated on documentation; do not include overhead and profit on stored materials.
 3. Provide summary documentation for stored materials indicating the following:
 - a. Value of materials previously stored and remaining stored as of date of previous Applications for Payment.
 - b. Value of previously stored materials put in place after date of previous Application for Payment and on or before date of current Application for Payment.
 - c. Value of materials stored since date of previous Application for Payment and remaining stored as of date of current Application for Payment.

END OF SECTION

SECTION 12 36 61

SIMULATED STONE COUNTERTOPS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:
 - 1. Quartz countertops and backsplashes.
 - 2. Solid-surface-material countertops and backsplashes.
 - 3. Solid surface locker benches.

1.3 ACTION SUBMITTALS

- A. Product Data: For countertop materials.
- B. Shop Drawings: For countertops. Show materials, finishes, edge and backsplash profiles, methods of joining, and cutouts for plumbing fixtures.
- C. Samples for Initial Selection: For each type of material exposed to view.
- D. Samples for Verification: For the following products:
 - 1. Countertop material, 6 inches (150 mm) square.
 - 2. One full-size quartz countertop, with front edge and backsplash, 8 by 10 inches (200 by 250 mm), of construction and in configuration specified.

1.4 PROJECT CONDITIONS

- A. Field Measurements: Verify dimensions of countertops by field measurements after base cabinets are installed but before countertop fabrication is complete.


1.5 COORDINATION

- A. Coordinate locations of utilities that will penetrate countertops or backsplashes.

PART 2 - PRODUCTS

2.1 QUARTZ COUNTERTOPS

- A. Configuration: Provide countertops with the following front and backsplash style:
 - 1. Front: Straight, slightly eased at top.

2. Backsplash: Straight, slightly eased at corner.
- B. Countertops: Quartz with front edge built up with same material; thickness as indicated.
- C. Backsplashes: 1/2-inch- (12.7-mm-) thick, quartz.
- D. Fabrication: Fabricate tops in one piece with shop-applied edges and backsplashes unless otherwise indicated. Comply with quartz agglomerate manufacturer's written instructions for adhesives, sealers, fabrication, and finishing.
- E. Adhesives: Adhesives shall not contain urea formaldehyde.
- F. Quartz Agglomerate: Solid sheets consisting of quartz aggregates bound together with a matrix of filled plastic resin and complying with the "Physical Characteristics of Materials" Article of ANSI SS1.
 1. Basis-Of-Design: Subject to compliance with requirements, provide  **Scalea**, as manufactured by Cosentino, or equal.
 2. Colors and Patterns: As indicated on Finish Schedule.

2.2 SOLID-SURFACE-MATERIAL COUNTERTOPS

- A. Configuration: Provide countertops with the following front and backsplash style:
 1. Front: Straight, slightly eased at top in thickness as indicated.
 2. Backsplash: Straight, slightly eased at corner.
- B. Countertops: Solid surface material with front edge built up with same material; thickness as indicated.
- C. Backsplashes: 1/2-inch- (12.7-mm-) thick, solid surface material.
- D. Fabrication: Fabricate tops in one piece with shop-applied edges and backsplashes unless otherwise indicated. Comply with solid-surface-material manufacturer's written instructions for adhesives, sealers, fabrication, and finishing.
- E. Solid Surface Material: Homogeneous solid sheets of filled plastic resin complying with ANSI SS1.
 1. Basis-Of-Design: Provide Corian as manufactured by E. I. du Pont de Nemours and Company; or approved equal
 - a. Colors: As scheduled on the Finish Schedule.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install countertops level to a tolerance of 1/8 inch in 8 feet (3 mm in 2.4 m).

- B. Fasten countertops by screwing through corner blocks of base units into underside of countertop. Pre-drill holes for screws as recommended by manufacturer. Align adjacent surfaces and, using adhesive in color to match countertop, form seams to comply with manufacturer's written instructions. Carefully dress joints smooth, remove surface scratches, and clean entire surface.
 - 1. Install backsplashes to comply with manufacturer's written instructions for adhesives, sealers, fabrication, and finishing.
 - 2. Seal edges of cutouts in particleboard subtops by saturating with varnish.

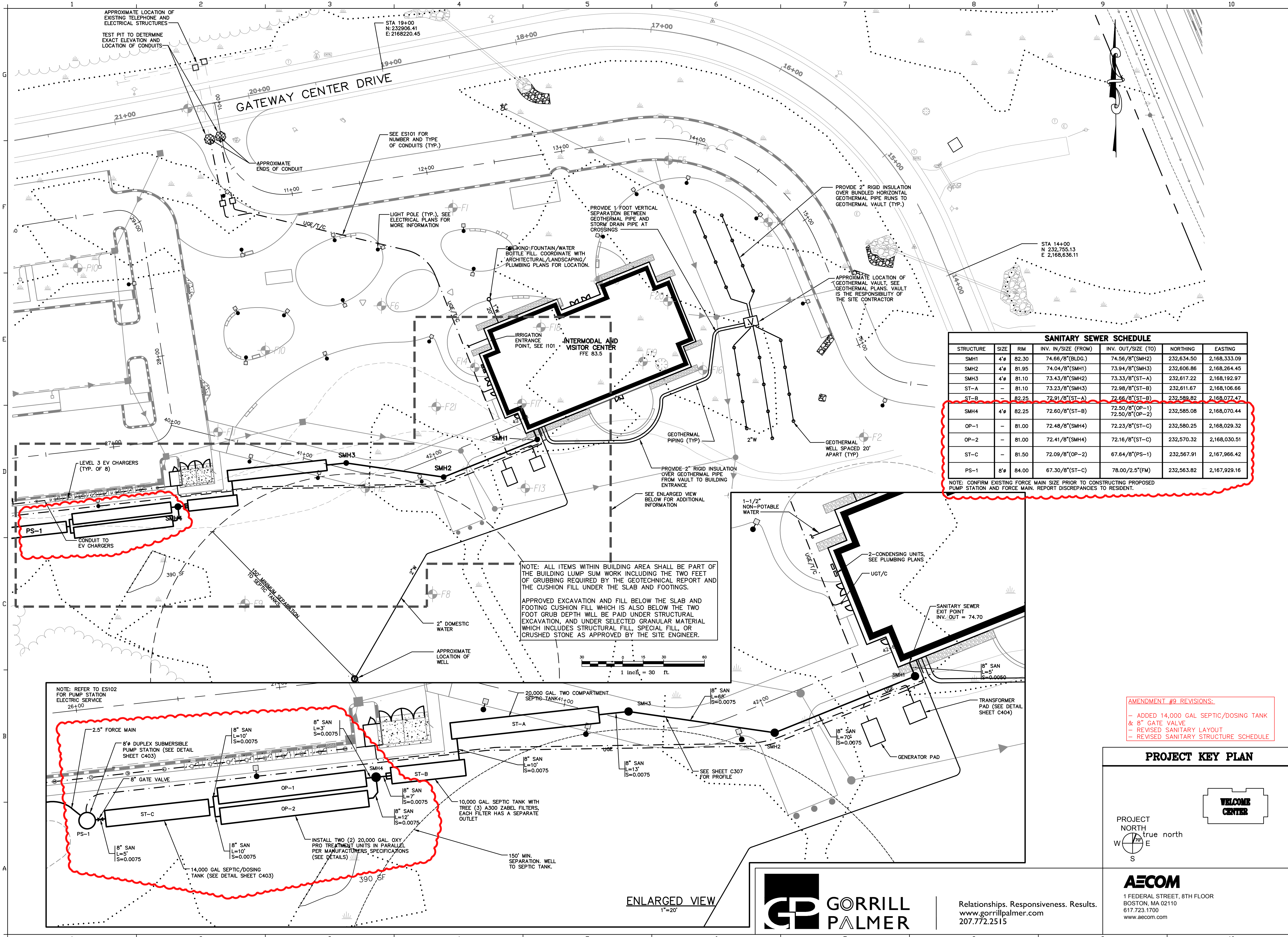
PART 4 - PAYMENT PROCEDURES

4.1 APPLICATIONS FOR PAYMENT

- A. Each Application for Payment following the initial Application for Payment shall be consistent with previous applications and payments. Payment shall be based on percentage of work completed and cost of materials and equipment.
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END OF SECTION

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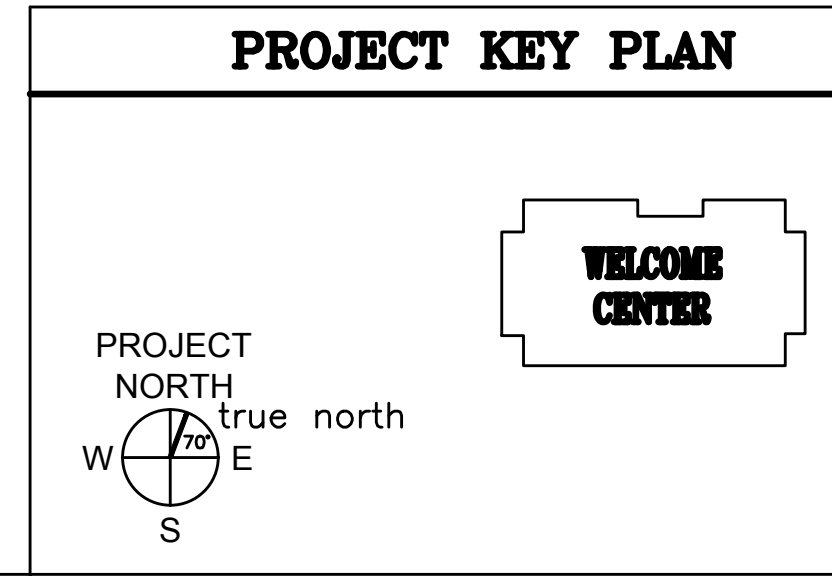


SANITARY SEWER SCHEDULE						
STRUCTURE	SIZE	RIM	INV. IN/SIZE (FROM)	INV. OUT/SIZE (TO)	NORTHING	EASTING
SMH1	4"	82.30	74.66/8"(BLDG.)	74.56/8"(SMH2)	232,634.50	2,168,333.09
SMH2	4"	81.95	74.04/8"(SMH1)	73.94/8"(SMH3)	232,606.86	2,168,264.45
SMH3	4"	81.10	73.43/8"(SMH2)	73.33/8"(ST-A)	232,617.22	2,168,192.97
ST-A	-	81.10	73.23/8"(SMH3)	72.98/8"(ST-B)	232,611.67	2,168,106.66
ST-B	-	82.25	72.91/8"(ST-A)	72.66/8"(ST-B)	232,589.82	2,168,077.47
SMH4	4"	82.25	72.60/8"(ST-B)	72.50/8"(OP-1) 72.50/8"(OP-2)	232,585.08	2,168,070.44
OP-1	-	81.00	72.48/8"(SMH4)	72.23/8"(ST-C)	232,580.25	2,168,029.32
OP-2	-	81.00	72.41/8"(SMH4)	72.16/8"(ST-C)	232,570.32	2,168,030.51
ST-C	-	81.50	72.09/8"(OP-2)	67.64/8"(PS-1)	232,567.91	2,167,966.42
PS-1	8"	84.00	67.30/8"(ST-C)	78.00/2.5"(FM)	232,563.82	2,167,929.16

NOTE: CONFIRM EXISTING FORCE MAIN SIZE PRIOR TO CONSTRUCTING PROPOSED PUMP STATION AND FORCE MAIN. REPORT DISCREPANCIES TO RESIDENT.

AMENDMENT #9 REVISIONS:

- ADDED 14,000 GAL SEPTIC/DOSING TANK & 8" GATE VALVE
- REVISED SANITARY LAYOUT
- REVISED SANITARY STRUCTURE SCHEDULE



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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

SIGNATURE: *[Signature]*
ENG. LIN. NUMBER: 6251
DATE: JANUARY 17, 2023

PROJECT INFORMATION

PROGRAM: PROJECT MANAGER: AECOM
DESIGNER: CONSULTANT: PROJECT RESIDENT: CONTRACTOR: PROJECT COMPLETION DATE:

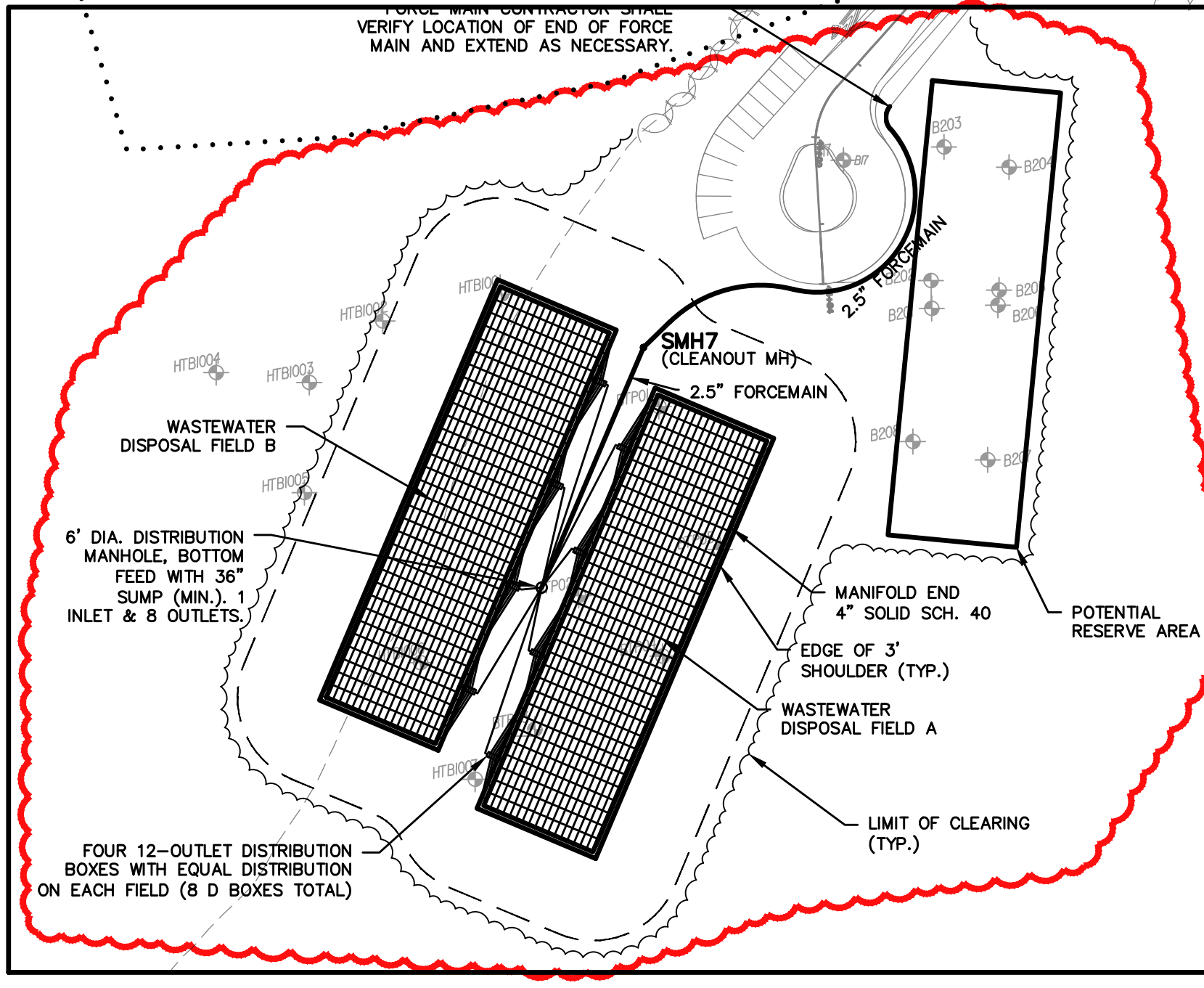
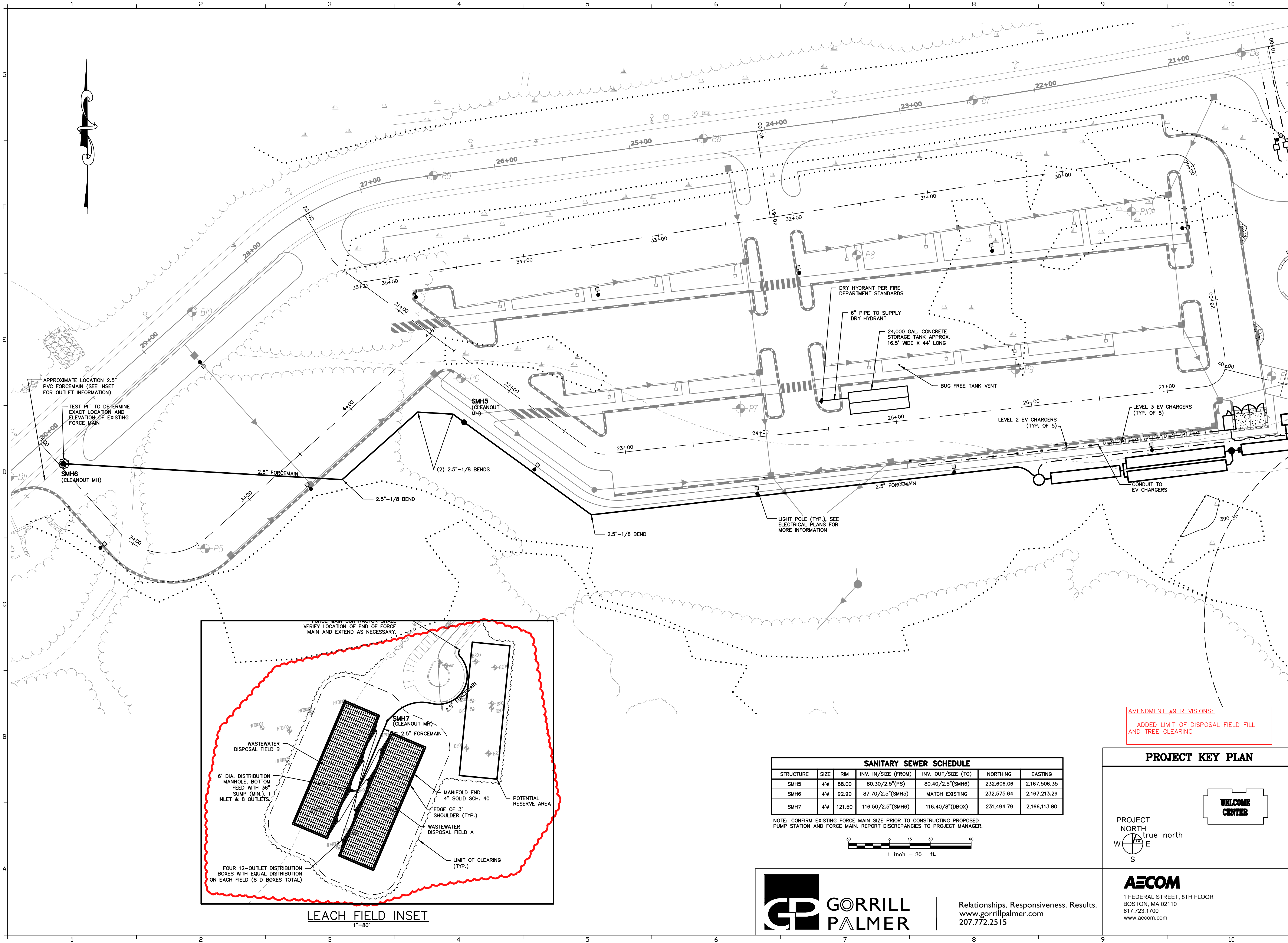
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ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

UTILITY PLAN - EAST

SHEET NUMBER
C202

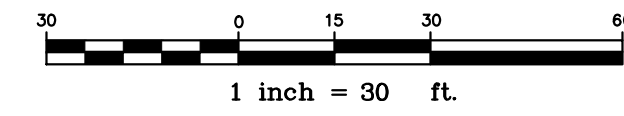
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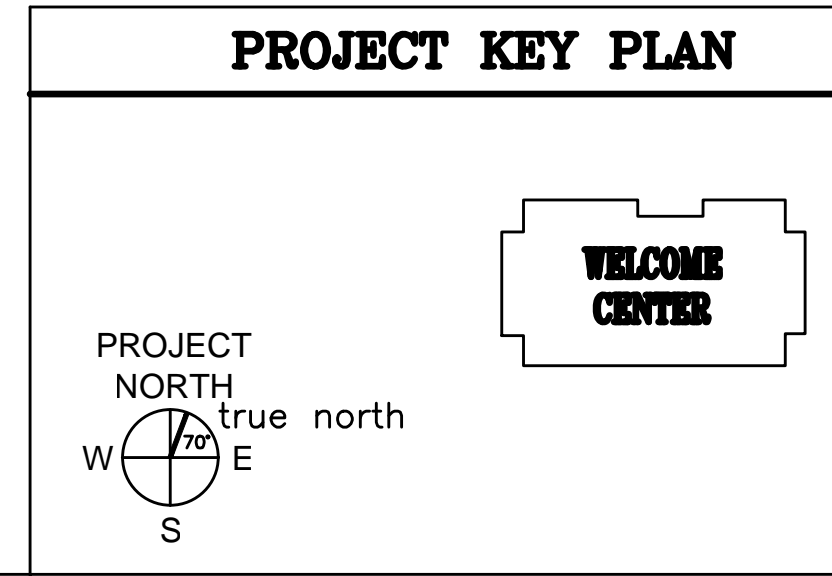


SANITARY SEWER SCHEDULE						
STRUCTURE	SIZE	RIM	INV. IN./SIZE (FROM)	INV. OUT./SIZE (TO)	NORTHING	EASTING
SMH5	4"	88.00	80.30/2.5"(PS)	80.40/2.5"(SMH6)	232,606.06	2,167,506.35
SMH6	4"	92.90	87.70/2.5"(SMH5)	MATCH EXISTING	232,575.64	2,167,213.29
SMH7	4"	121.50	116.50/2.5"(SMH6)	116.40/8"(DBOX)	231,494.79	2,166,113.80

NOTE: CONFIRM EXISTING FORCE MAIN SIZE PRIOR TO CONSTRUCTING PROPOSED PUMP STATION AND FORCE MAIN. REPORT DISCREPANCIES TO PROJECT MANAGER.



AMENDMENT #9 REVISIONS:
 - ADDED LIMIT OF DISPOSAL FIELD FILL AND TREE CLEARING

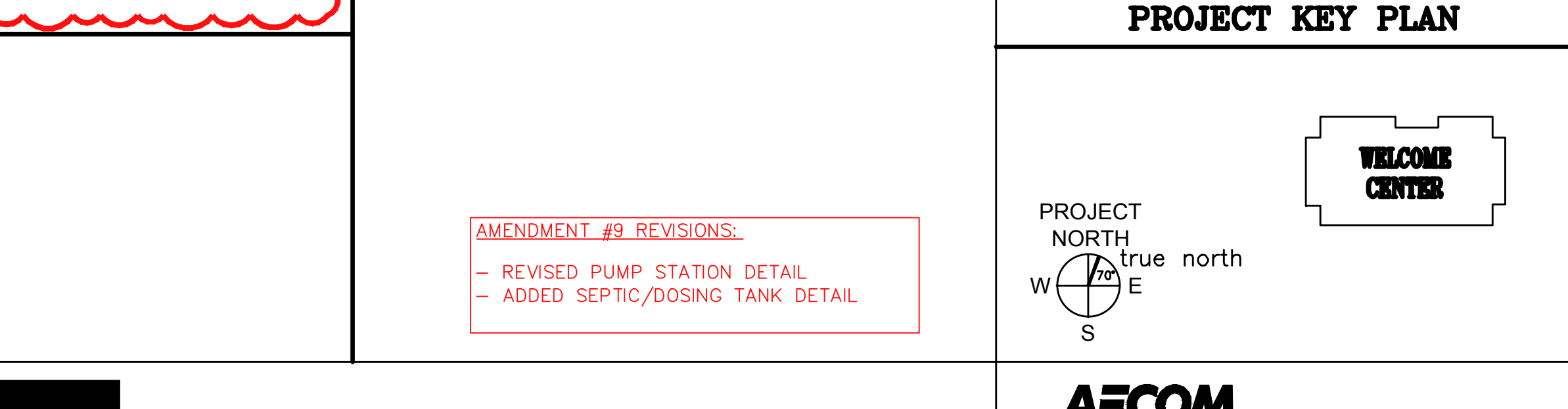
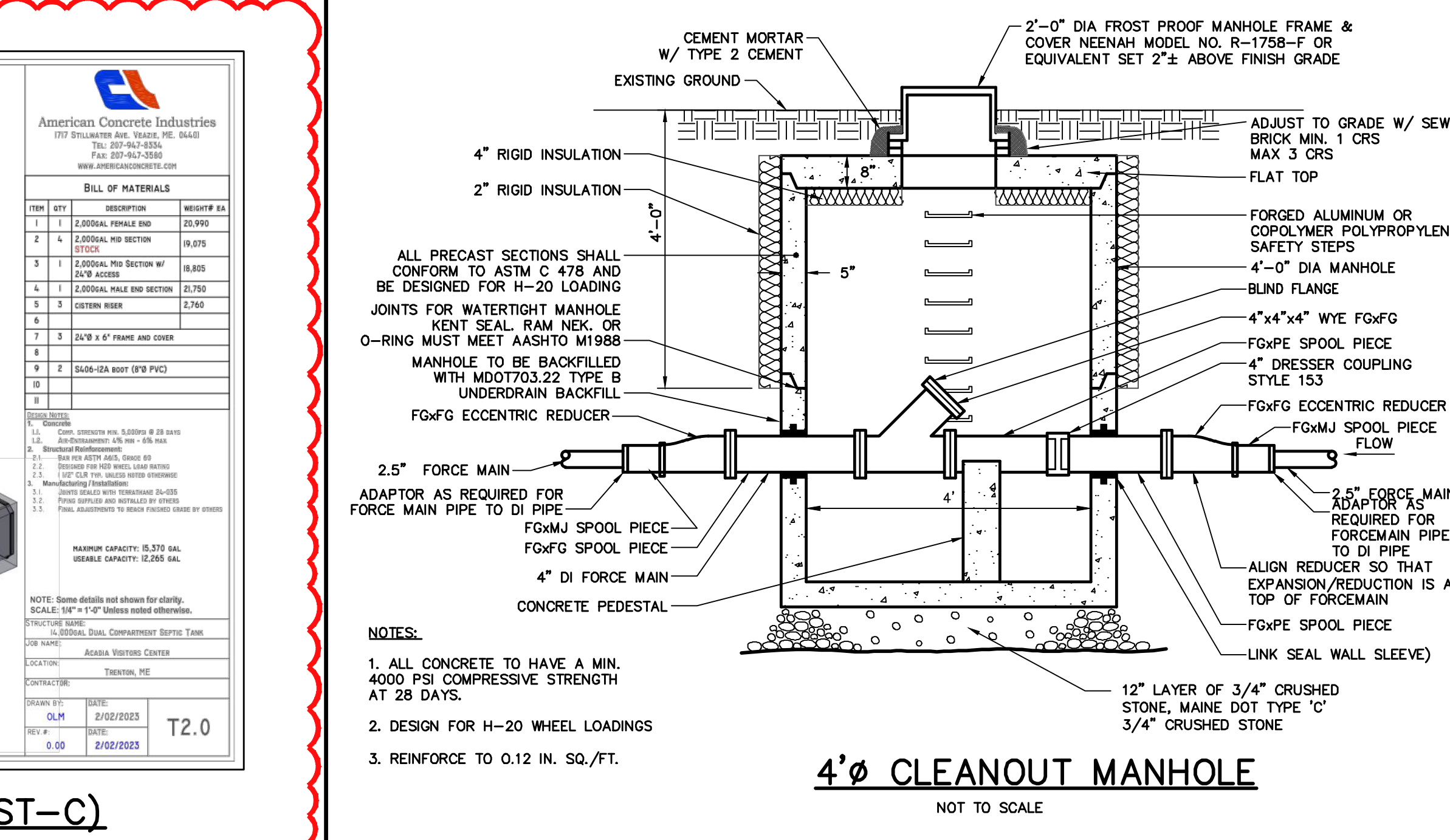
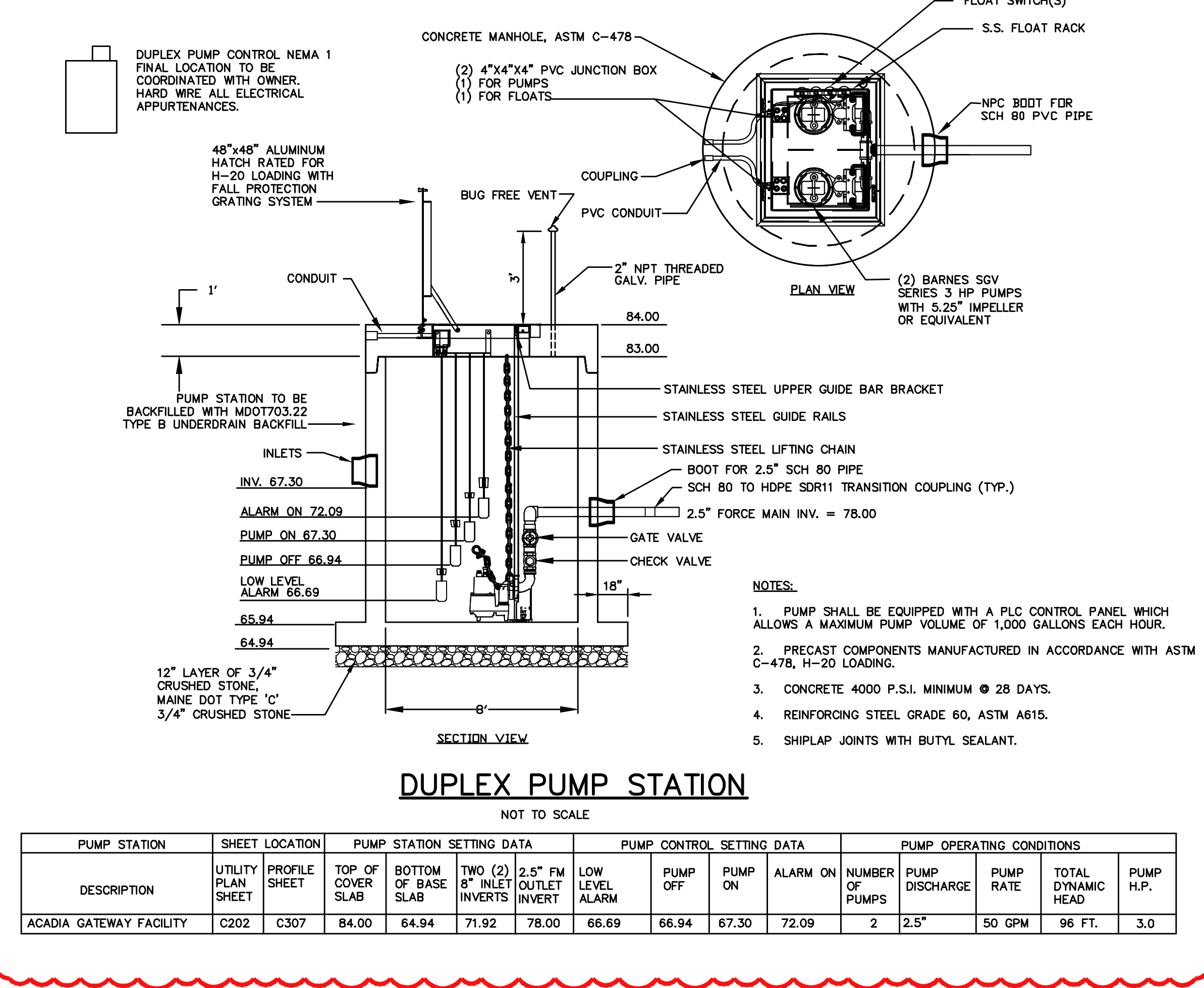
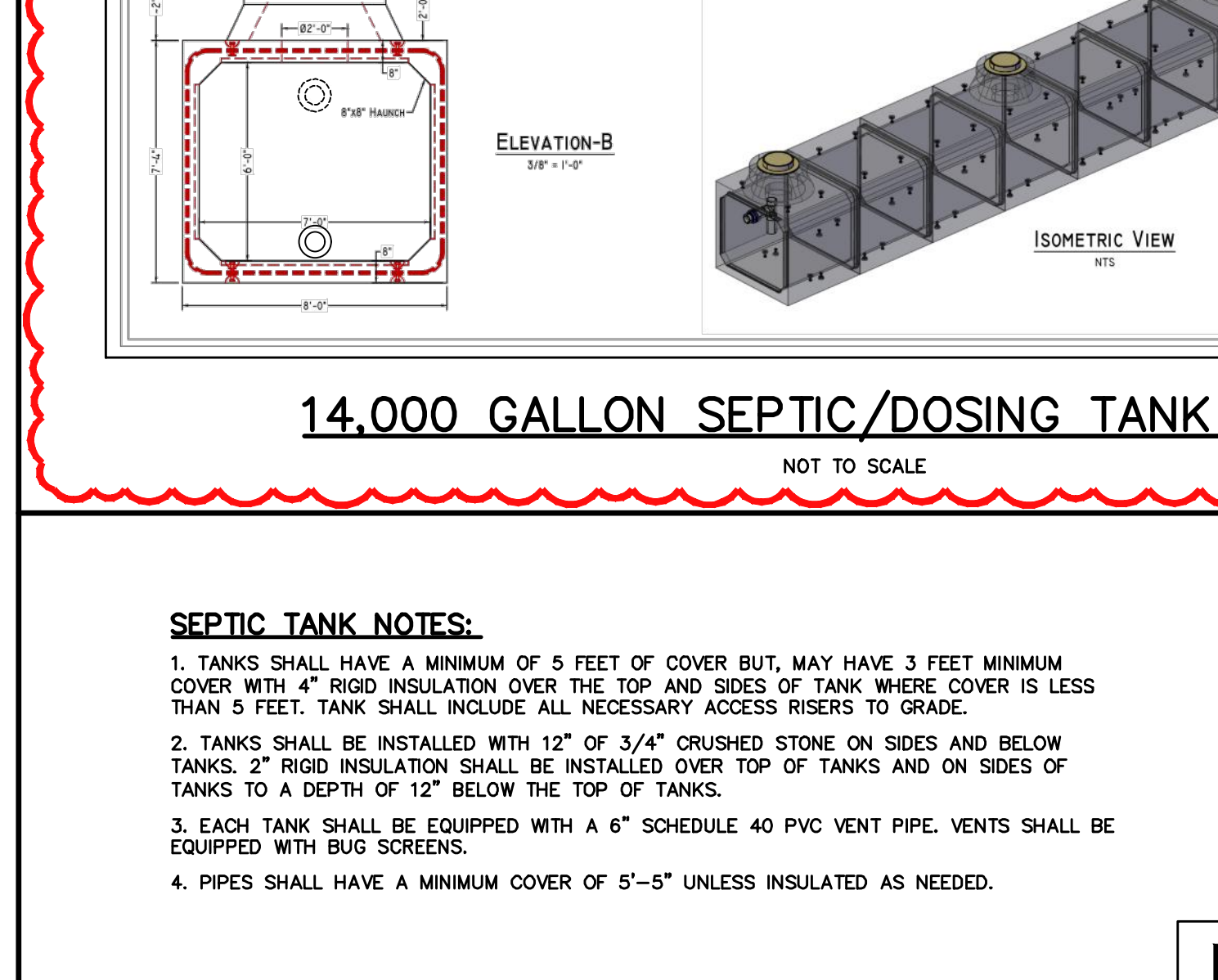
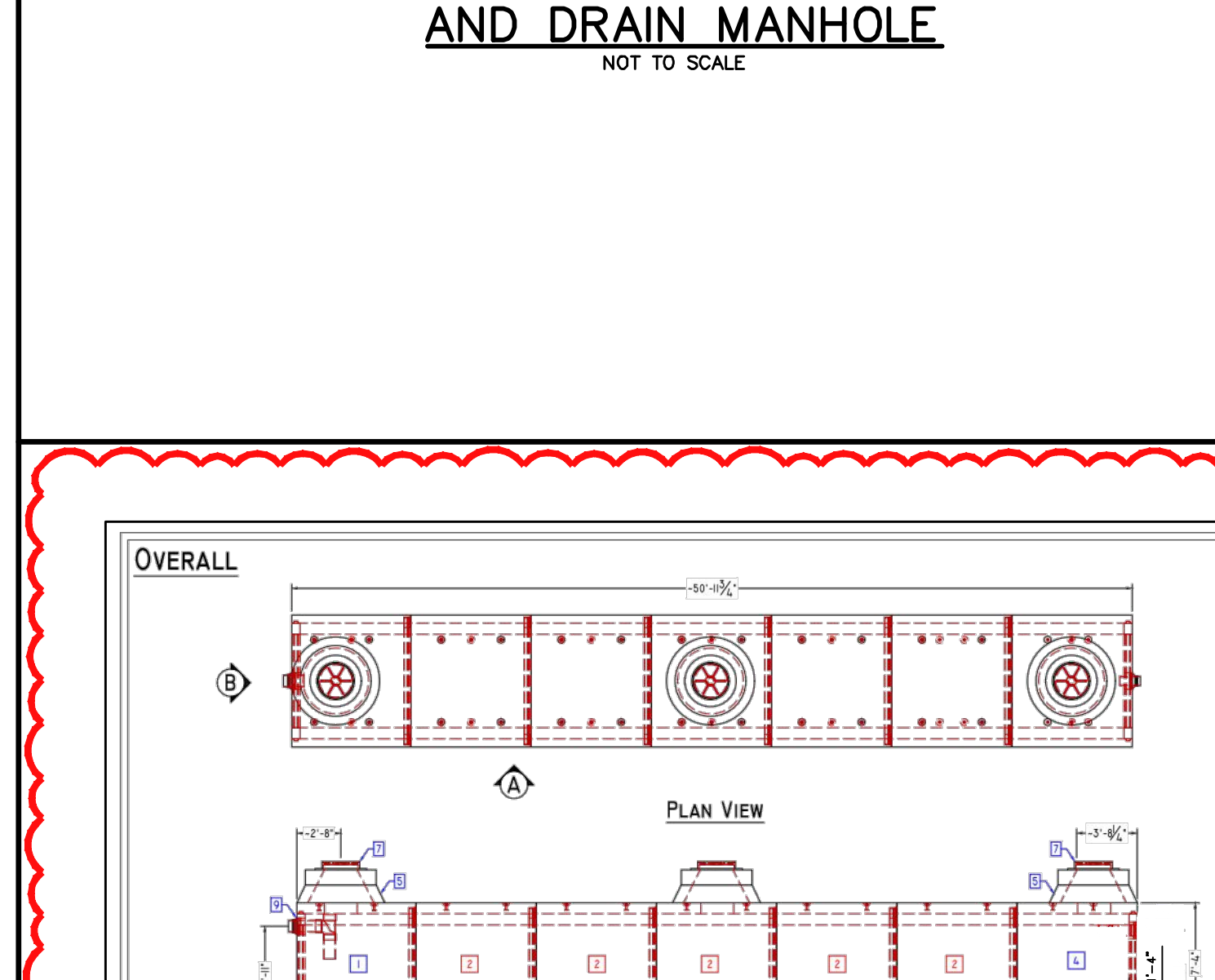
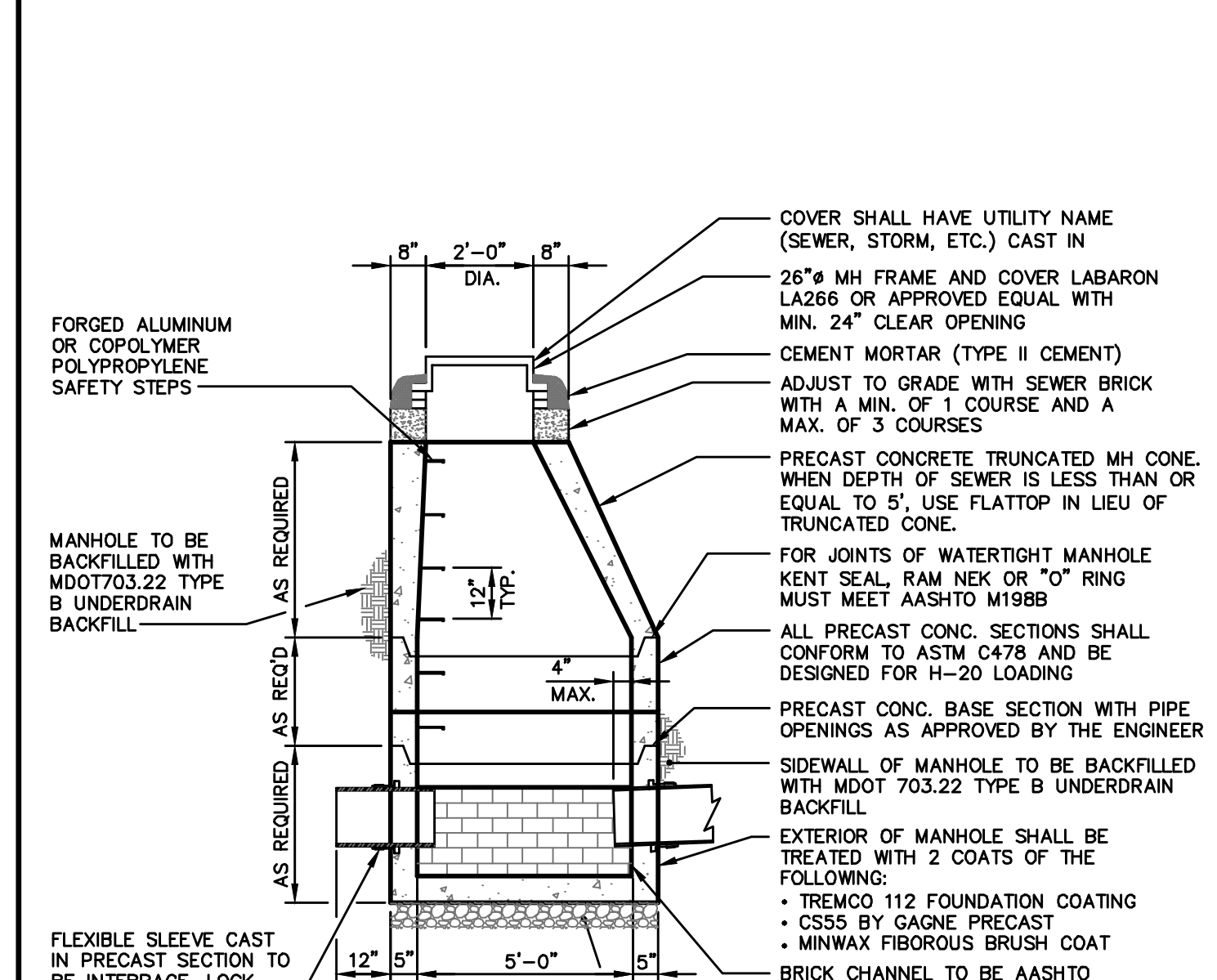
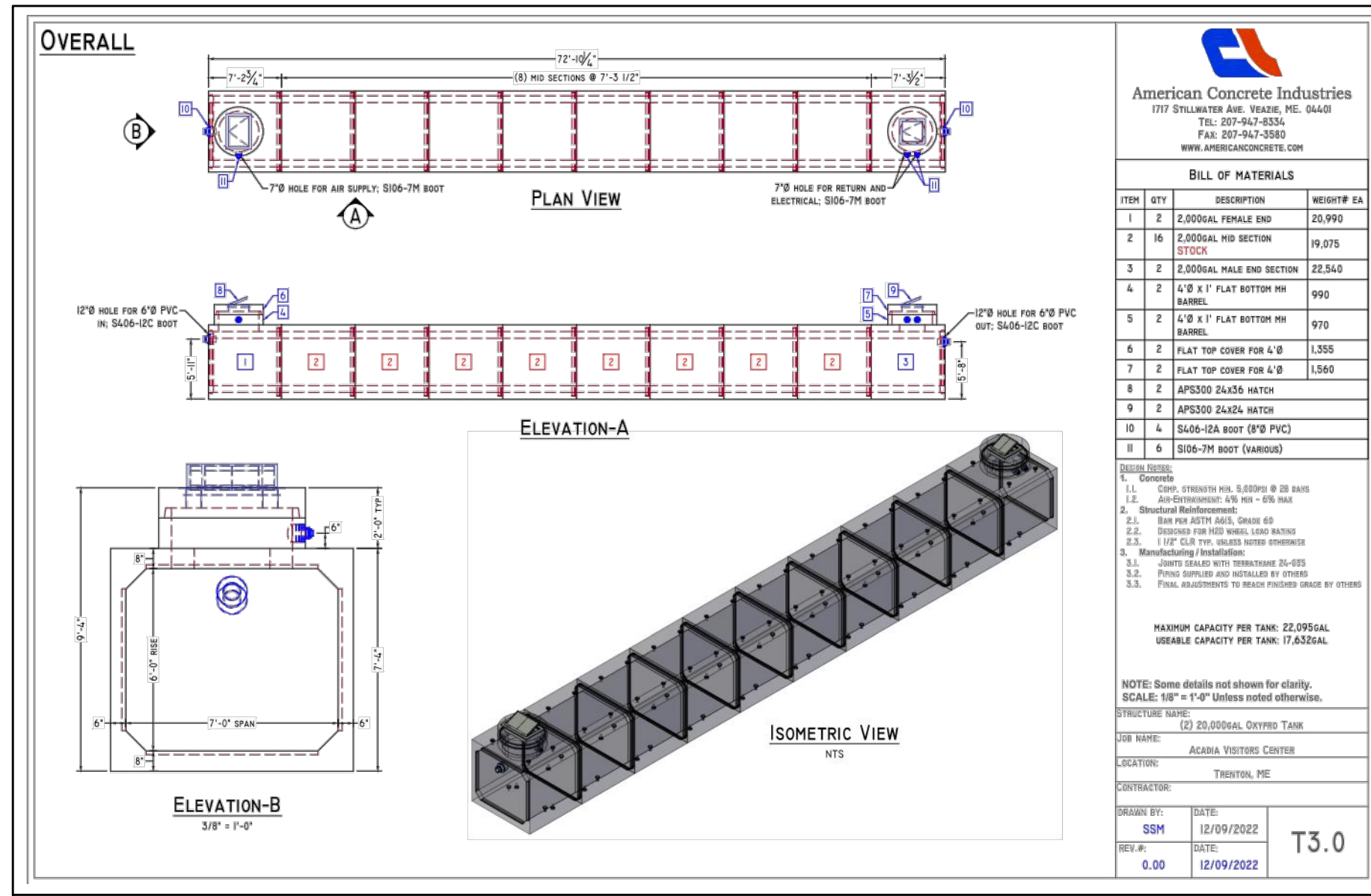
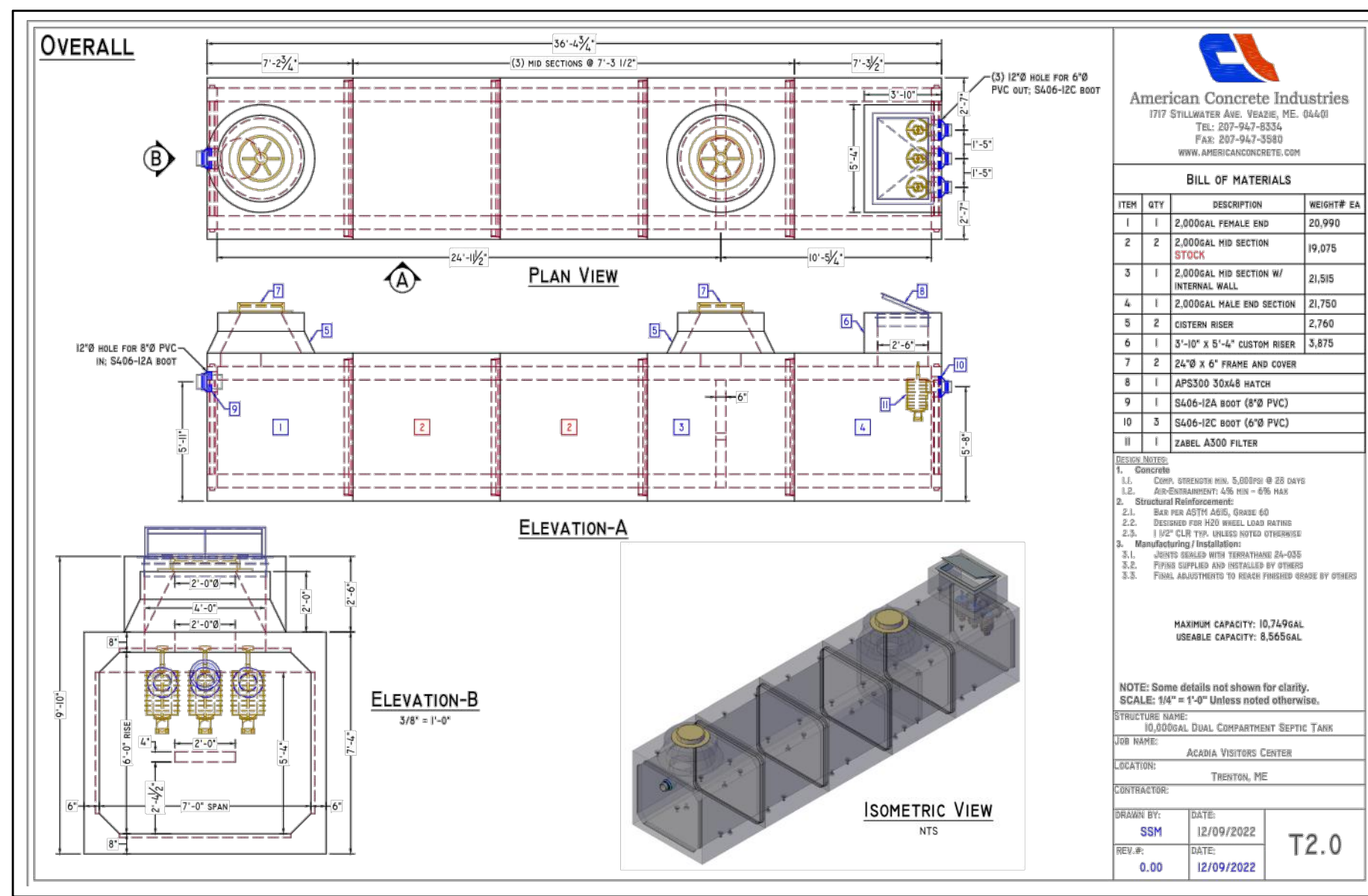
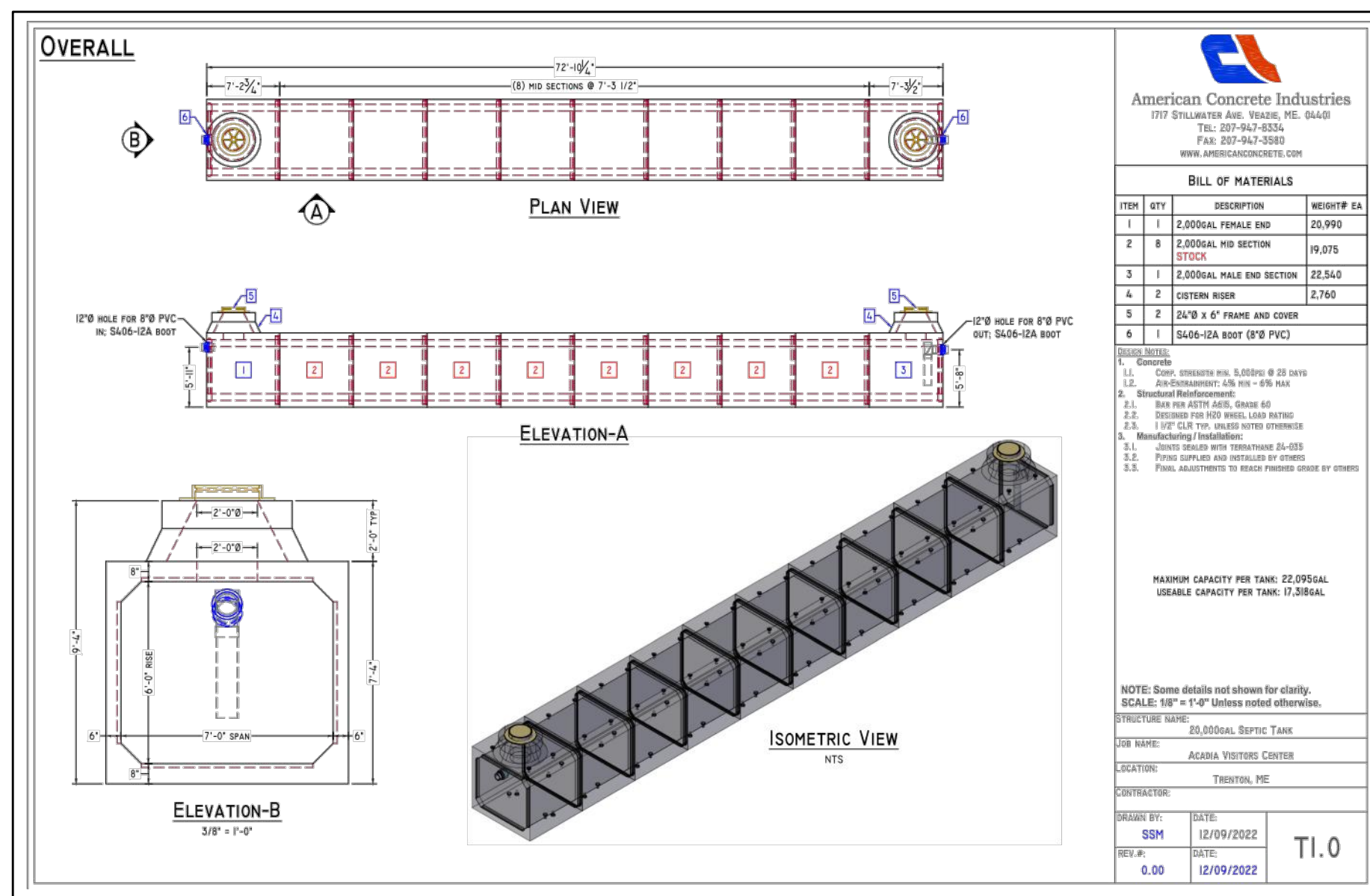


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DESIGNER		WIN NO: 017163.02 & 017163.03	
PROJECT MANAGER		DATE	
CONSULTANT		JANUARY 17, 2022	
PROJECT RESIDENT		PROJECT COMPLETION DATE	
CONTRACTOR		PROJECT COMPLETION DATE	
PROJECT INFORMATION		PROJECT COMPLETION DATE	
MAINE DEPARTMENT OF TRANSPORTATION ACADIA GATEWAY FACILITY INTERMODAL AND WELCOME CENTER UTILITY PLAN - WEST			
SHEET NUMBER		C203	

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FED PIN NO.: NA
WIN NO.: 017163.02 & 017163.03

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SIGNATURE: _____
ENG. LIN. NUMBER: 6251
DATE: JANUARY 17, 2023

PROJECT INFORMATION:
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DESIGNER: _____
CONSULTANT: _____
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PROJECT COMPLETION DATE: _____

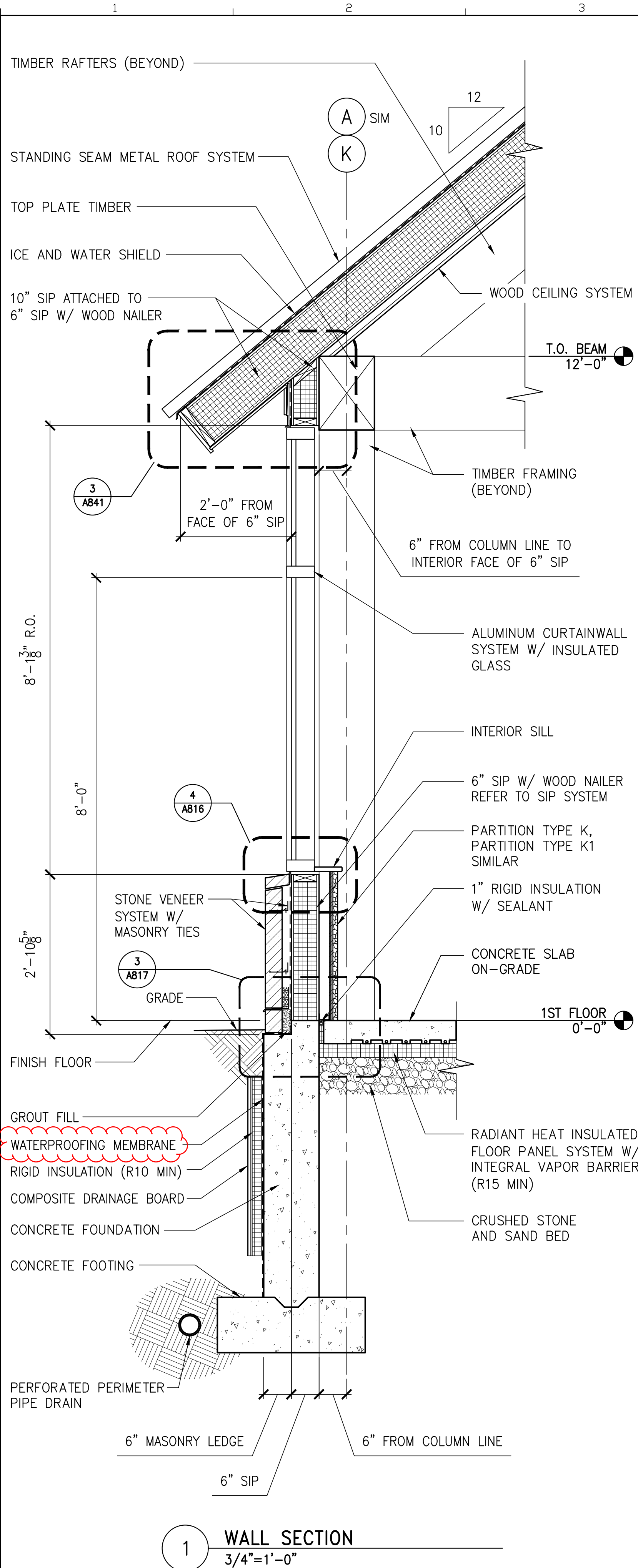
UTILITY DETAILS

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

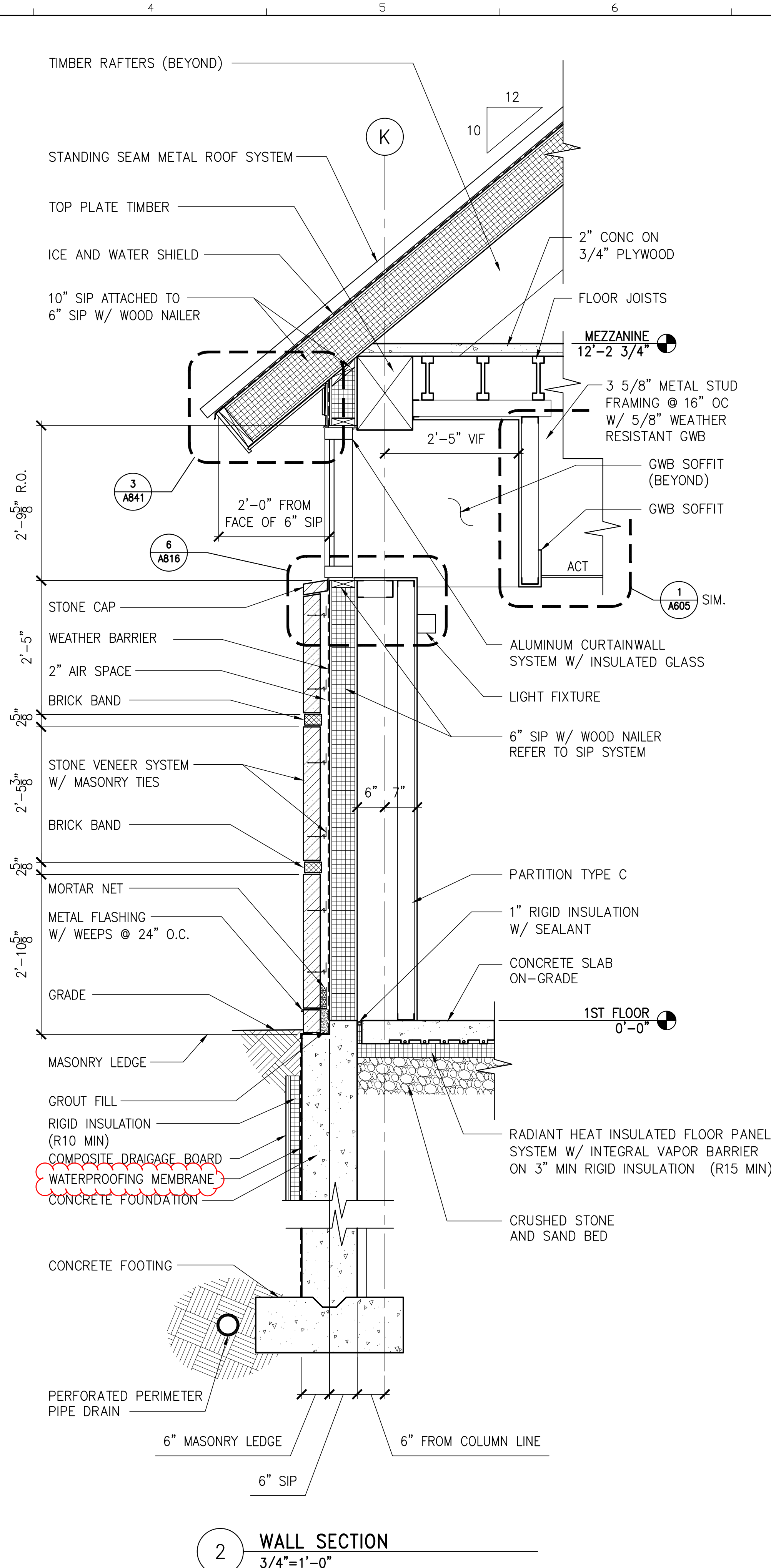
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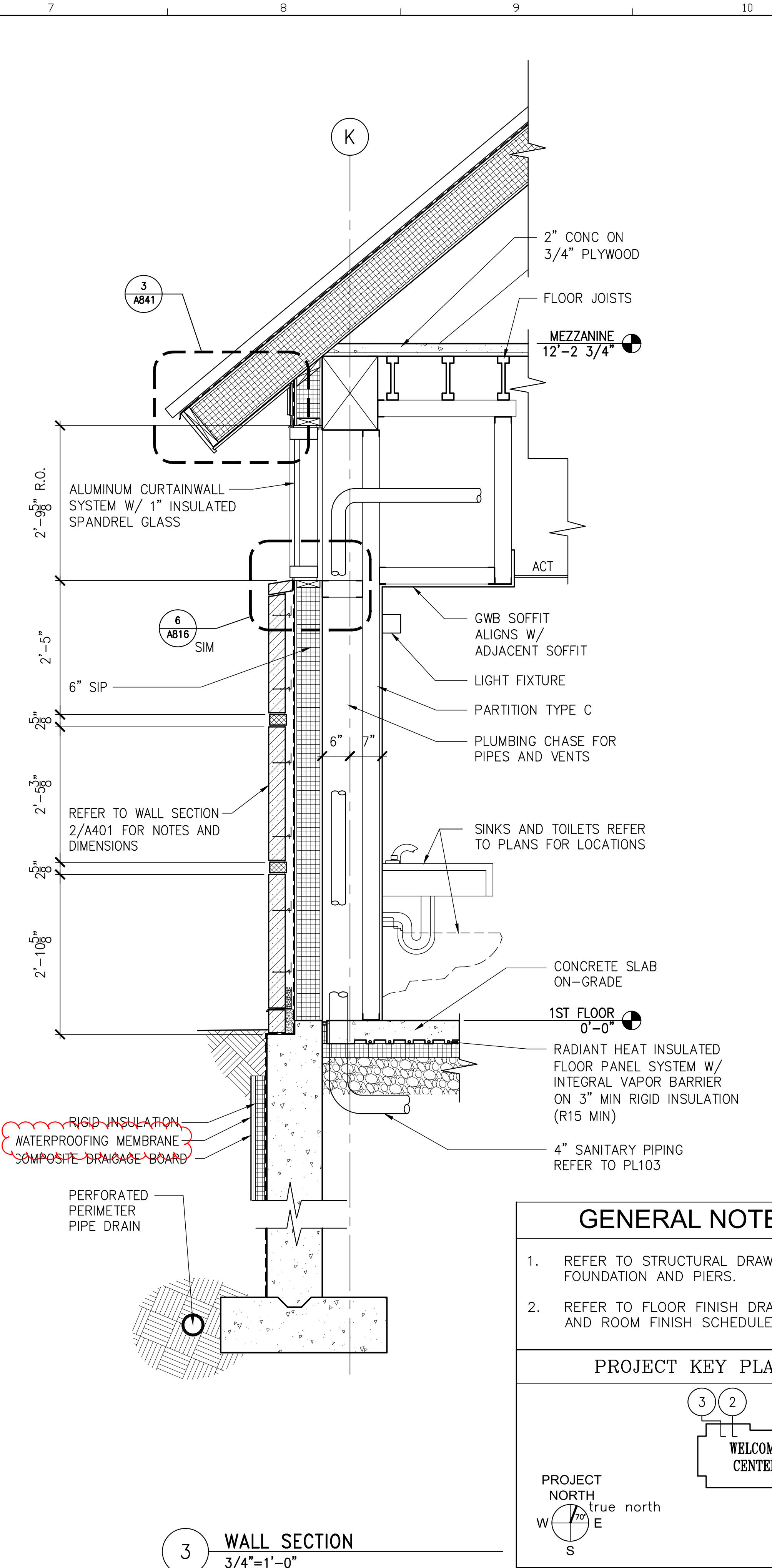
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1 WALL SECTION
3/4"=1'-0"

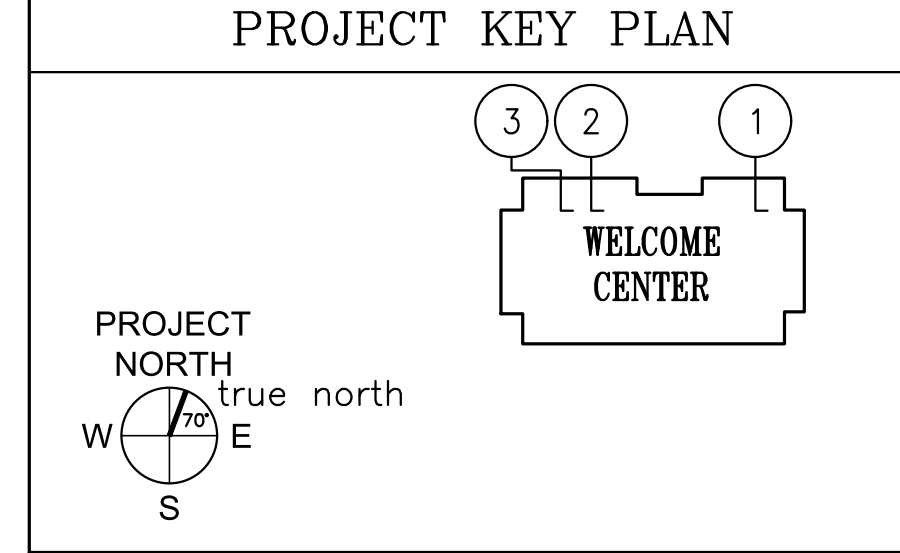


2 WALL SECTION
3/4"=1'-0"



3 WALL SECTION
3/4"=1'-0"

- ### GENERAL NOTES
- REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION AND PIERS.
 - REFER TO FLOOR FINISH DRAWINGS AND ROOM FINISH SCHEDULE.

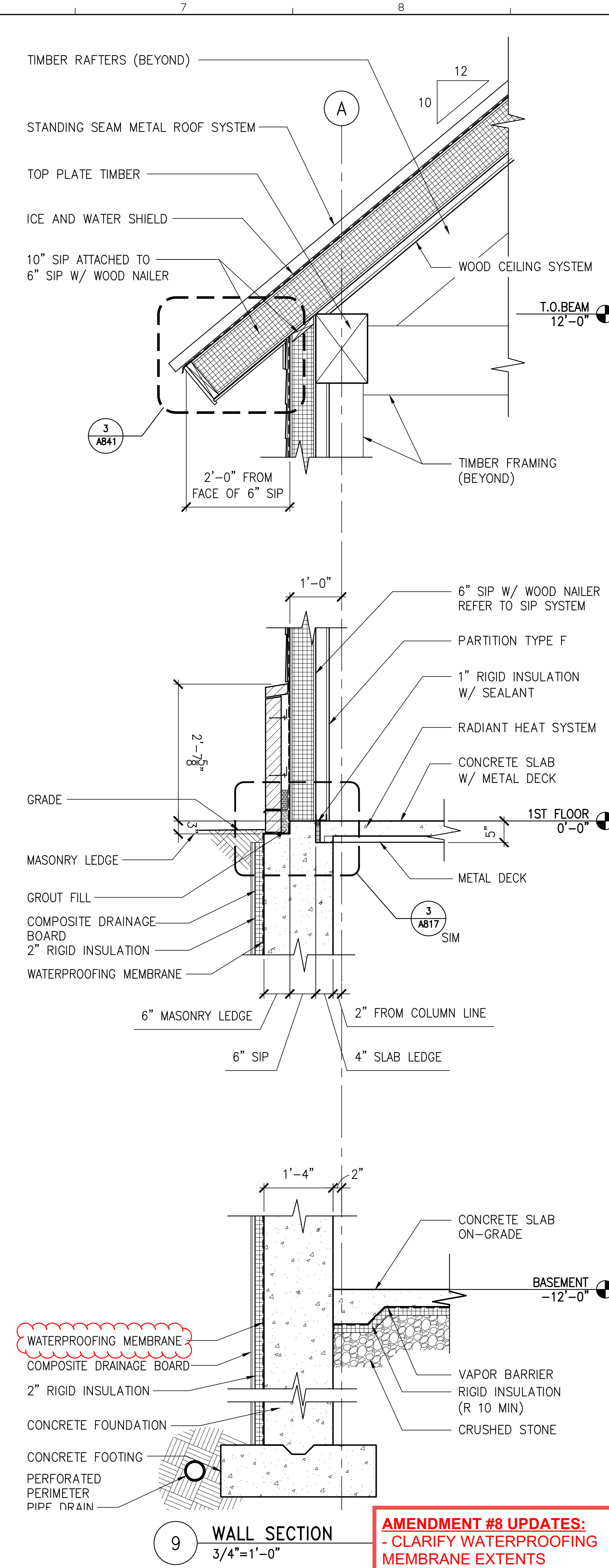
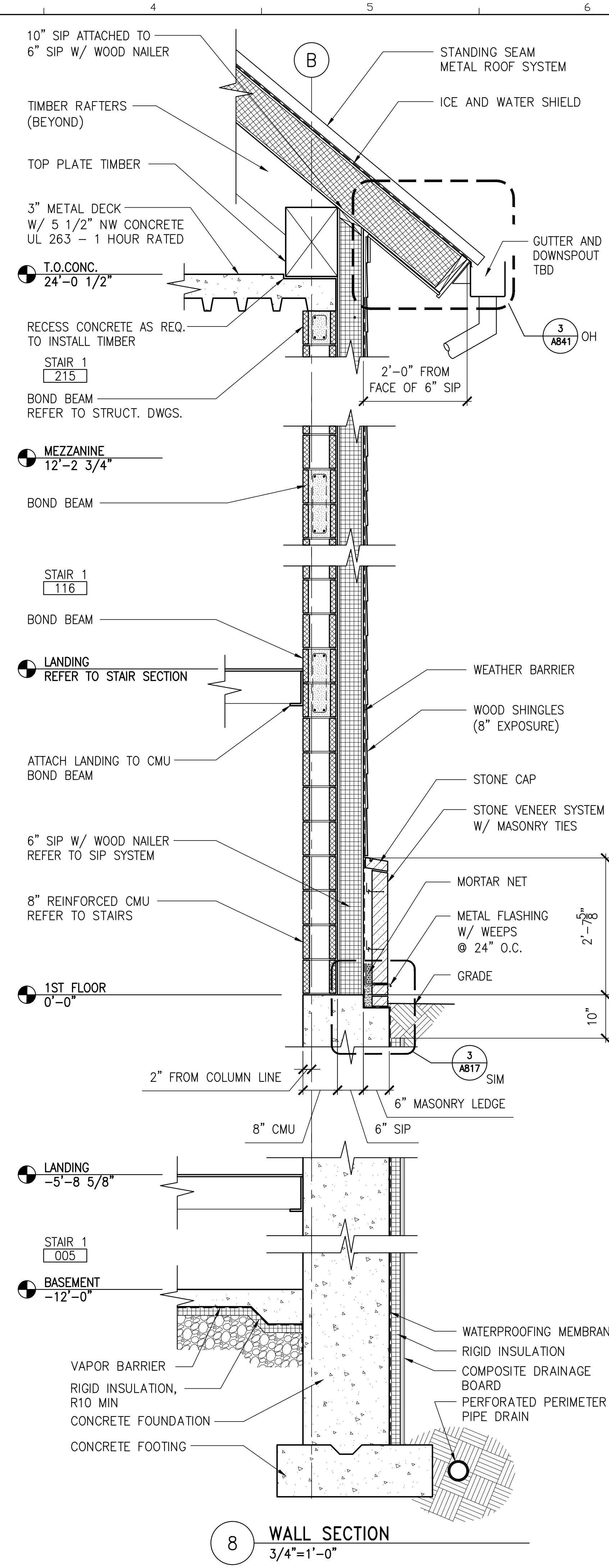
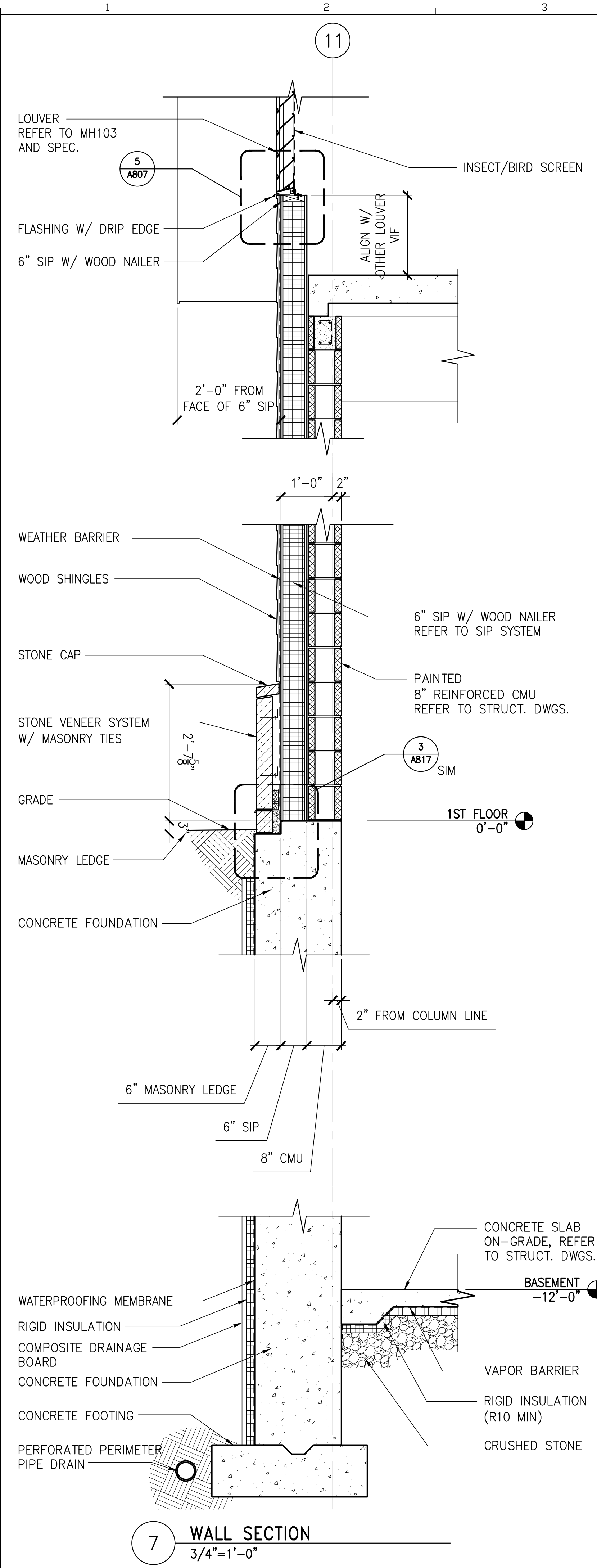


AMENDMENT #8 UPDATES:
- CLARIFY WATERPROOFING
MEMBRANE EXTENTS

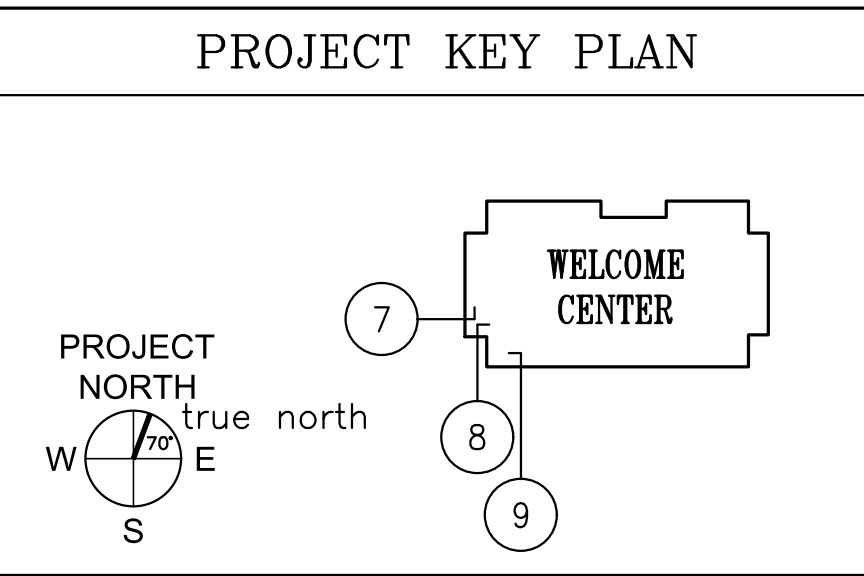
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PROJECT INFORMATION		SIGNATURE		ARCH. LIN. NUMBER	
PROGRAM	PROJECT MANAGER	DESIGNER	CONSULTANT	PROJECT RESIDENT	CONTRACTOR
			AECOM	ARC5292	
PROJECT INFORMATION		DATE		PROJECT COMPLETION DATE	
MAINE DEPARTMENT OF TRANSPORTATION		ACADIA GATEWAY FACILITY		WALL SECTIONS I	
		INTERMODAL AND WELCOME CENTER			
SHEET NUMBER		A401			

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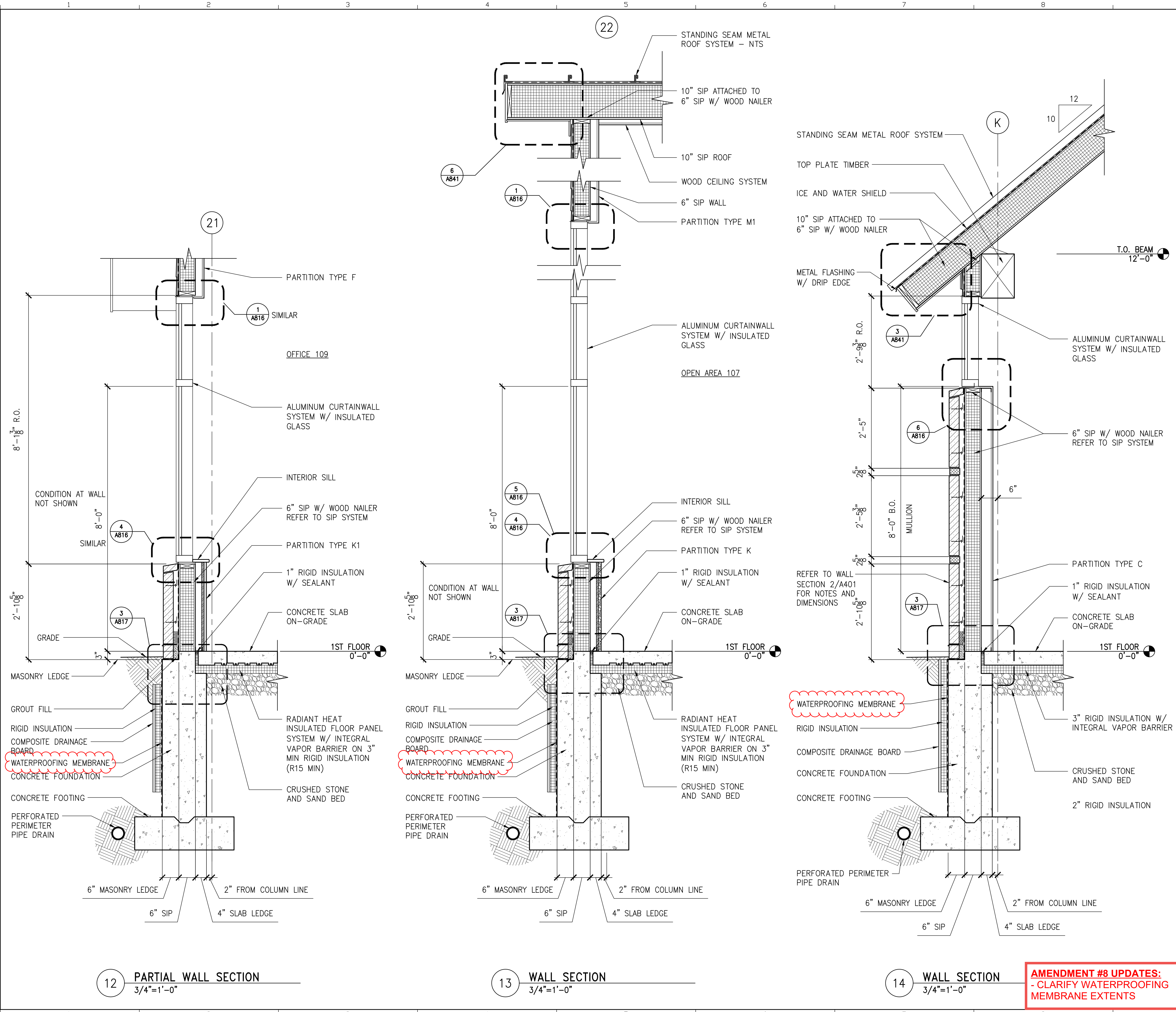
- ### GENERAL NOTES
- REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION AND PIERS.
 - REFER TO FLOOR FINISH DRAWINGS AND ROOM FINISH SCHEDULE.



AMENDMENT #8 UPDATES:
- CLARIFY WATERPROOFING MEMBRANE EXTENTS

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		DATE	
PROJECT INFORMATION		SIGNATURE		ARCH. LIN. NUMBER	
PROGRAM	PROJECT MANAGER	AECOM		ARC5292	
DESIGNER	CONSULTANT			PROJECT RESIDENT	DATE
					JANUARY 17, 2022
PROJECT INFORMATION		CONTRACTOR		PROJECT COMPLETION DATE	
MAINE DEPARTMENT OF TRANSPORTATION		ACADIA GATEWAY FACILITY		WALL SECTIONS III	
INTERMODAL AND WELCOME CENTER		SHEET NUMBER		A403	
AECOM		1 FEDERAL STREET, 8TH FLOOR		BOSTON, MA 02110	
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GENERAL NOTES

- REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION AND PIERS.
- REFER TO FLOOR FINISH DRAWINGS AND ROOM FINISH SCHEDULE.

PROJECT KEY PLAN

PROJECT NORTH true north
W E S

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

WALL SECTIONS V

SHEET NUMBER
A405

AMENDMENT #8 UPDATES:
- CLARIFY WATERPROOFING MEMBRANE EXTENTS

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STATE OF MAINE	DATE
DEPARTMENT OF TRANSPORTATION	FED PIN NO: NA
	WIN NO: 017163.03
PROJECT INFORMATION	SIGNATURE
PROGRAM	ARCH. LIN. NUMBER
PROJECT MANAGER	ARC5292
DESIGNER	DATE
CONSULTANT	JANUARY 17, 2022
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

FINISH SCHEDULE

GENERAL FINISH NOTES

KEY	MATERIAL	LOCATION	MANUFACTURE	FINISH / PRODUCT TYPE	SIZE	COLOR	REMARKS
ACT-1	ACOUSTIC CEILING TILE	AS SHOWN ON RCP	ARMSTRONG	ULTIMA, BEVELED TEGULAR - 1912	24" x 24"	WHITE	9/16" SUPRAFINE GRID COLOR: WHITE
CPT-1	CARPET TILES (MODULAR)	1ST FLR. OFFICES	INTERFACE FLOR	CUBIC 1380102500	20" x 20"	CONSTRUCTION #6395	1/4 TURN INSTALLATION
FL-1	STAINED / POLISHED CONCRETE	1ST FLR. OPEN AREAS	TBD	STAINED / POLISHED CONCRETE	N/A	---	---
FL-2	SEALED CONCRETE	BASEMENT & BACK-OF-HOUSE AREAS	H&C CONCRETE	CONCRETE SEALER	N/A	CLEAR	---
FL-3	EXPOSED FIRE TREATED PLYWOOD	UNUSABLE SPACE ON MEZZANINE	N/A	FIRE TREATED	N/A	N/A	---
PL-3	PLASTIC LAMINATE	INTERIOR OF 1ST FLR. MILLWORK & ALL TOE-KICKS @ LOWER CABINETS	WILSONART LAMINATE	MATTE FINISH	N/A	BLACK #595-60	REFER TO MILLWORK DETAILS FOR MORE INFORMATION
PL-4	PLASTIC LAMINATE	TOILET ROOM(S) UNDER-COUNTER PANEL	FORMICA	MATTE FINISH	N/A	SAIL WHITE #463-58	REFER TO MILLWORK DETAILS FOR MORE INFORMATION
PL-5	PLASTIC LAMINATE	LOWER PANEL, COMPUTER COUNTER	FORMICA	GLOSS FINISH	N/A	FOSSIL #5349-90	REFER TO MILLWORK DETAILS FOR MORE INFORMATION
PT-1	PAINT	WALLS	BENJAMIN MOORE	EGGSHELL	N/A	ACADIA WHITE AC-41	---
PT-2	PAINT	WALL ACCENT	BENJAMIN MOORE	EGGSHELL	N/A	GEORGIAN GREEN HC-115	---
PT-3	PAINT	GWB CEILINGS	BENJAMIN MOORE	FLAT (READY-MIXED)	N/A	DECORATORS WHITE PM-3	---
PT-4	PAINT	BACK-OF-HOUSE EXPOSED STRUCTURE	BENJAMIN MOORE	FLAT	N/A	GALVESTON GRAY AC-27	---
PT-5	PAINT	EXPOSED PIPING & DUCTWORK (MAIN SPACE)	BENJAMIN MOORE	PEARL (READY-MIXED)	N/A	BLACK PM-9	---
PT-6	PAINT	WALL ACCENT	BENJAMIN MOORE	EGGSHELL	N/A	SMOKE 2122-40	---
QTZ-1	QUARTZ	RECEPTION DESK, RETAIL COUNTER & COMPUTER STATIONS	ECO by COSENTINO	ECO QUARTZ	N/A	SCALEA COFFE BROWN	REFER TO MILLWORK DETAILS FOR MORE INFORMATION
SCRC-1	SOLID COLOR REINFORCED COMPOSITE	BATHROOM TOILET PARTITIONS	BOBRICK	SIERRA SERIES 1090	3/4" THICK	SC01 GOLDEN KHAKI	REFER TO ENLARGED PLANS & ELEVATIONS FOR MORE INFO.
SS-3	SOLID SURFACE	1ST FLR. BATHROOM COUNTERTOPS	CORIAN	N/A	1/2" THICK	FOSSIL	REFER TO MILLWORK DETAILS FOR MORE INFORMATION
SS-4	SOLID SURFACE (RESIN)	1ST FLR. MILLWORK ACCENT	3 FORM	CHROMA - C3 COLOR MATTE FINISH	1/2" THICK	WHITEOUT	REFER TO MILLWORK DETAILS FOR MORE INFORMATION
SS-5	SOLID SURFACE (RESIN)	1ST FLR. MILLWORK ACCENT, RECEPTION BACK WALL	3 FORM	VARIA ECORESIN - HIGH RES IMAGERY, SANDSTONE FINISH (STAND-OFF INSTALLATION)	1/2" THICK	CUSTOM "ACADIA COASTLINE" IMAGE	REFER TO MILLWORK DETAILS FOR MORE INFORMATION, IMAGE T.B.D.
STVR	STONE VENEER WALL BASE	THROUGHOUT MAIN AREA/SPACES		---	---	---	---
T-1	PORCELAIN TILE	1ST BATHROOMS	CROSSVILLE	BLUESTONE (UPS FINISH)	6" x 24"	PENNSYLVANIA BLUE AV203	REFER TO FINISH PLAN FOR PATTERN & DIRECTION
T-3	PORCELAIN TILE	1ST FLR. JANITOR	CROSSVILLE	COLOR BLOX EC	6" x 6"	I SEE THE MOON E1117	---
TB-1	PORCELAIN TILE BASE	THROUGHOUT MAIN AREAS/SPACES	CROSSVILLE	BLUESTONE (UPS FINISH)	4" x 12" BULLNOSE	PENNSYLVANIA BLUE AV203	---
WDAT	ACOUSTIC WOOD-LOOKS PANEL	THROUGHOUT MAIN AREA/SPACES	---	---	---	---	---
WDC-1	WOOD SLAT CEILING	AS SHOWN ON RCP	ARMSTRONG	WOODWORKS - LINEAR PLANKS	6" MODULE	TBD	---
WDTG	WOOD TONGUE-AND-GROOVE PLANK	THROUGHOUT MAIN AREA/SPACES	---	WHITE BIRCH	---	---	SEE PARTITION TYPE M, SEE SPECS FOR MORE INFO
WM-1	WALK-OFF MAT	ENTRY AREAS, AS SHOWN ON THE FINISH PLAN	MATS INC.	SUPREME NOP - MODULAR TILES	20" x 20"	TWEED BROWN	---
WT-4	PORCELAIN WALL TILE (FIELD)	1ST FLR. BATHROOMS	CROSSVILLE	RETRO ACTIVE	4" x 12"	EMPRESS WHITE #A215/.10412 UPS	TILES TO BE INSTALLED AS RUNNING BOND/SUBWAY
WT-5	PORCELAIN WALL TILE (ACCENT)	1ST FLR. BATHROOMS	CROSSVILLE	RETRO ACTIVE	4" x 12"	MAPLE SUGAR #C360/.10412 UPS	TILES TO BE INSTALLED AS RUNNING BOND/SUBWAY
WT-6	PORCELAIN WALL TILE (ACCENT)	1ST FLR. BATHROOMS	CROSSVILLE	COLOR BLOX TOO	4" x 12"	CELERY STALK #A1173 .10612 UPS	TILES TO BE INSTALLED AS RUNNING BOND/SUBWAY
VB-1	VINYL WALL BASE	THROUGHOUT, U.N.O. (REFER TO FINISH PLAN)	JOHNSONITE	STRAIGHT & COVE	1/8" THK. x 4" TALL	BLACK #40	STRAIGHT BASE @ CARPET & COVE BASE AT ALL OTHER LOCATIONS
VCT1	VINYL COMPOSITION TILE	STORAGE SPACE ON MEZZANINE	ARMSTRONG	GREY CLOUD 55933	12" x 24"	GREY CLOUD 55933	TILES TO BE INSTALLED AS RUNNING BOND/SUBWAY

- ALL GYPSUM WALLS TO BE PT-1 U.N.O.
- ALL TOILET AND SHOWER ROOM WALLS TO BE PAINTED ABOVE TILE.
- ALL GYPSUM WALL BOARD (GWB) CEILINGS AND SOFFITS TO BE PT-3 U.N.O.
- ALL WALL BASE TO BE VB-1 U.N.O.
- ALL DOORS AND DOOR FRAMES TO BE PT-1, TO MATCH WALL U.N.O.
- PAINT EXPOSED HVAC DUCTWORK AND FIRE PROTECTION PIPING PT-5, U.N.O.
- ALL BACK-OF-HOUSE EXPOSED STRUCTURE, DECKING, CONDUITS, SPRINKLER PIPING, HVAC DUCTS, SUPPORTS, ETC., TO BE PT-4 U.N.O.
- GROUT COLORS FOR FLOOR TILES TO BE THE FOLLOWING:
 T-1, LATICRETE - TBD
 T-2, LATICRETE - TBD
 T-3, LATICRETE - TBD
 T-6, LATICRETE - TBD

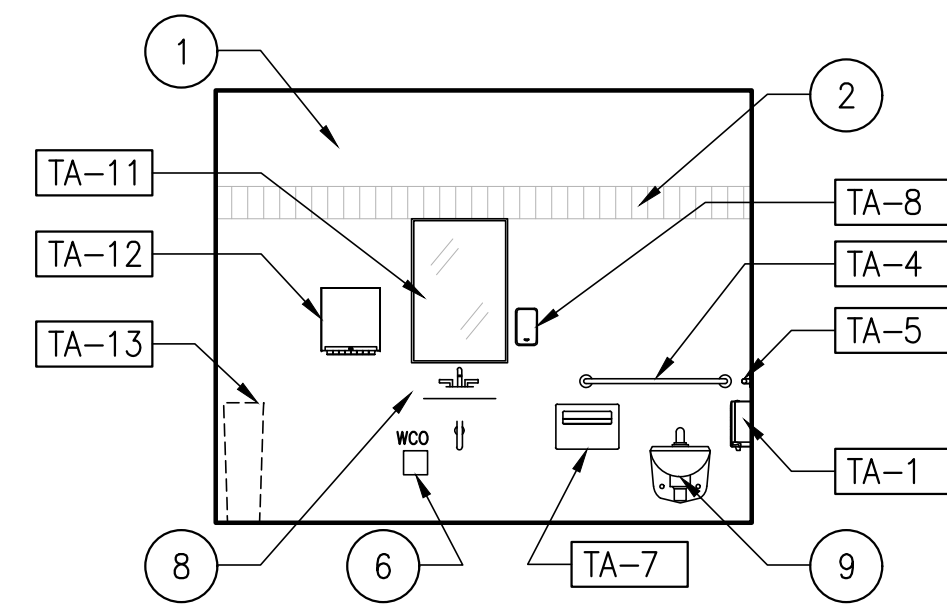
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		DATE	
		FED PIN NO: NA	WIN NO: 017163.03
SIGNATURE		ARCH. LIN. NUMBER	ARC5292
		DATE	JANUARY 17, 2022
PROJECT INFORMATION		PROGRAM	
		PROJECT MANAGER	AECOM
		DESIGNER	
		CONSULTANT	
		PROJECT RESIDENT	
		CONTRACTOR	
		PROJECT COMPLETION DATE	
MAINE DEPARTMENT OF TRANSPORTATION ACADIA GATEWAY FACILITY INTERMODAL AND WELCOME CENTER FINISH SCHEDULE			
SHEET NUMBER		A614	

AMENDMENT #9 UPDATES:
 - UPDATED FL-1 AND QTZ-1

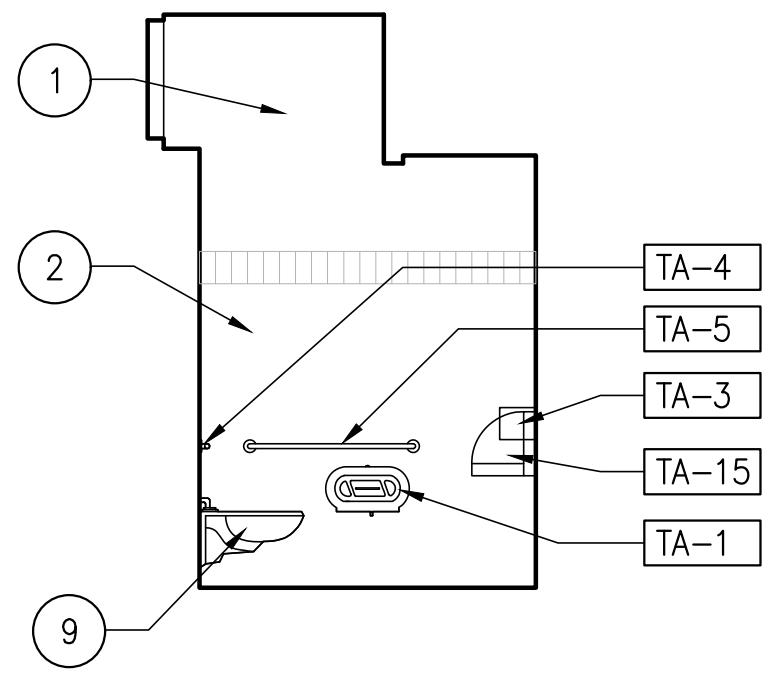
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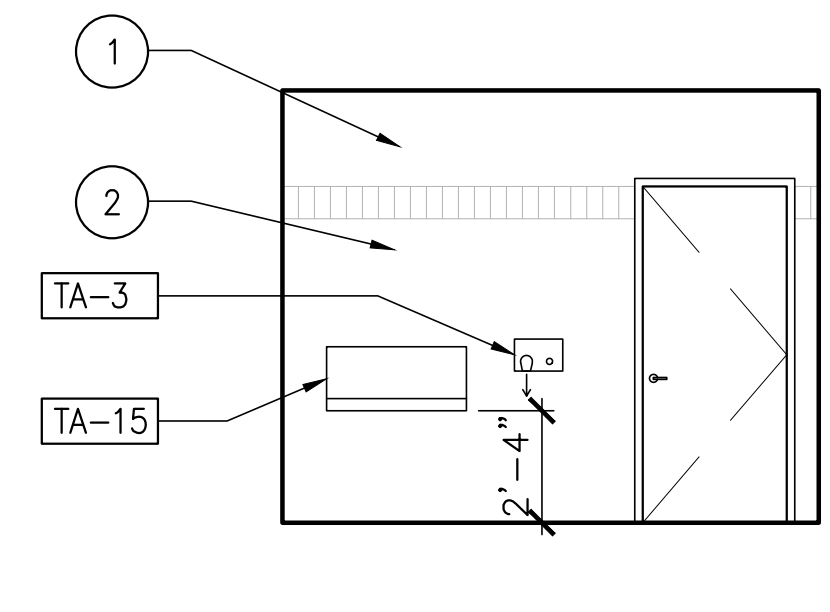
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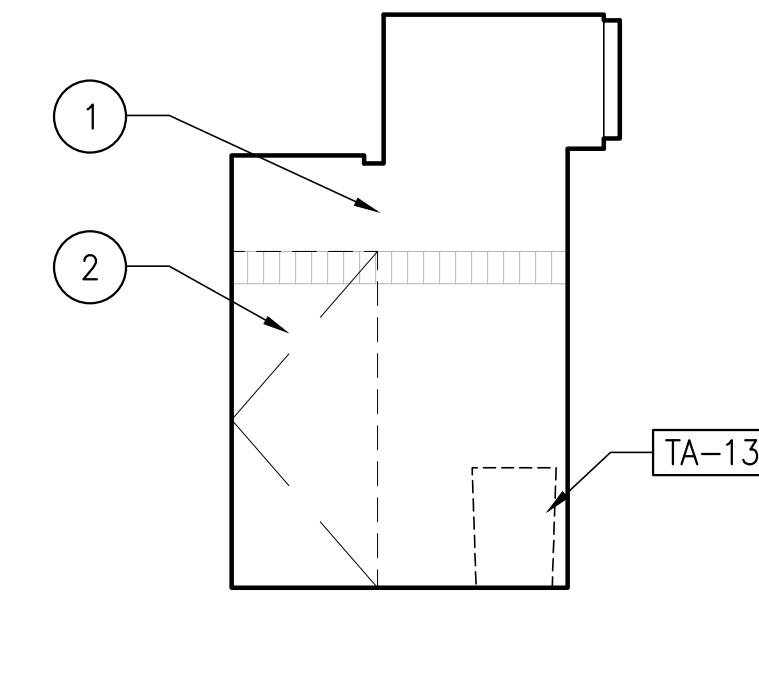
1 COMPANION CARE (104)
1/4"=1'-0"



2 COMPANION CARE (104)
1/4"=1'-0"



3 COMPANION CARE (104)
1/4"=1'-0"



4 COMPANION CARE (104)
1/4"=1'-0"

TOILET ROOM NOTES

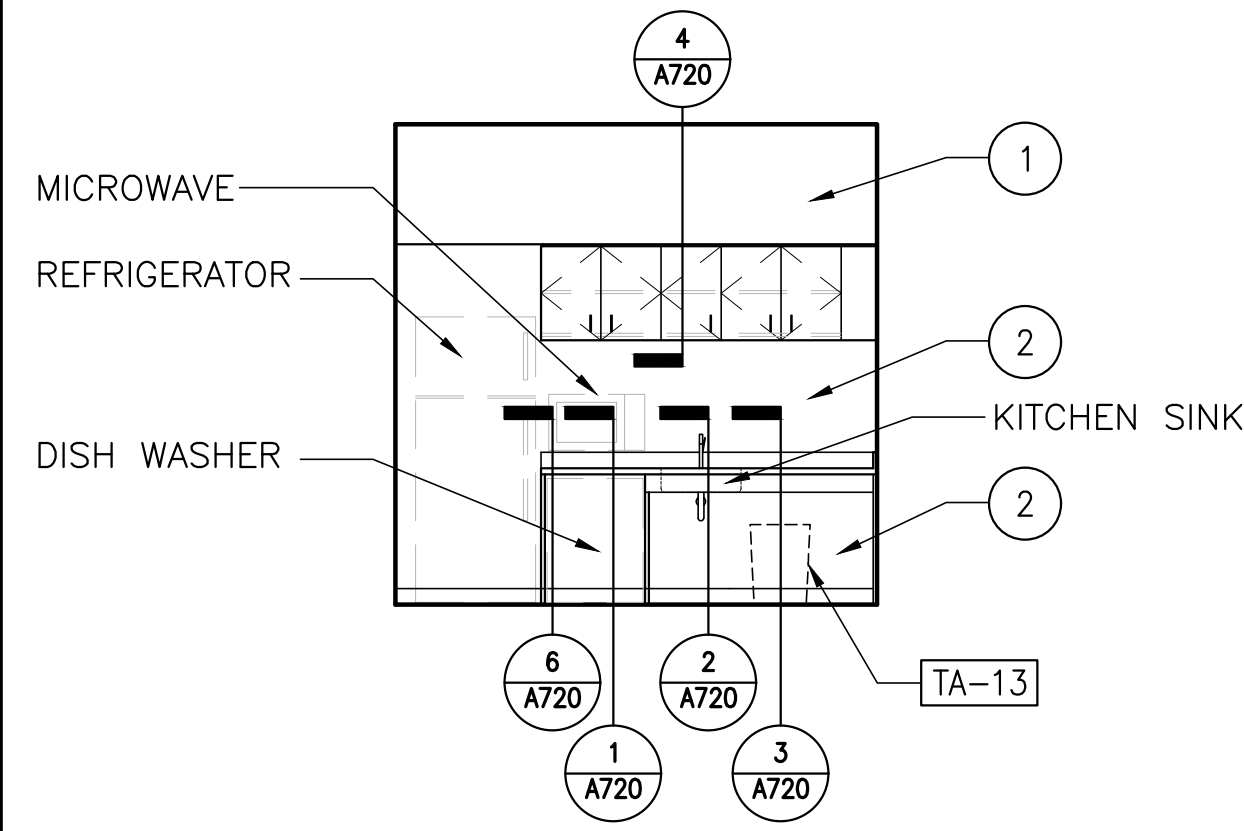
1. ALL METAL STUDS TO BE GALVANIZED UNLESS OTHERWISE NOTED.
2. SEE SPECIFIED PAINT SCHEDULE.
3. REFER TO SPECIFICATIONS FOR ACCESSORIES.
4. ALL WALL TILE WT-4 UON.
5. REFER TO SHEET A-004 FOR MOUNTING TYPICAL HEIGHTS.
6. REFER TO A004 & A005 FOR TYPICAL MOUNTING HEIGHTS AND CLEARANCES REQUIRED.

TOILET KEY NOTES

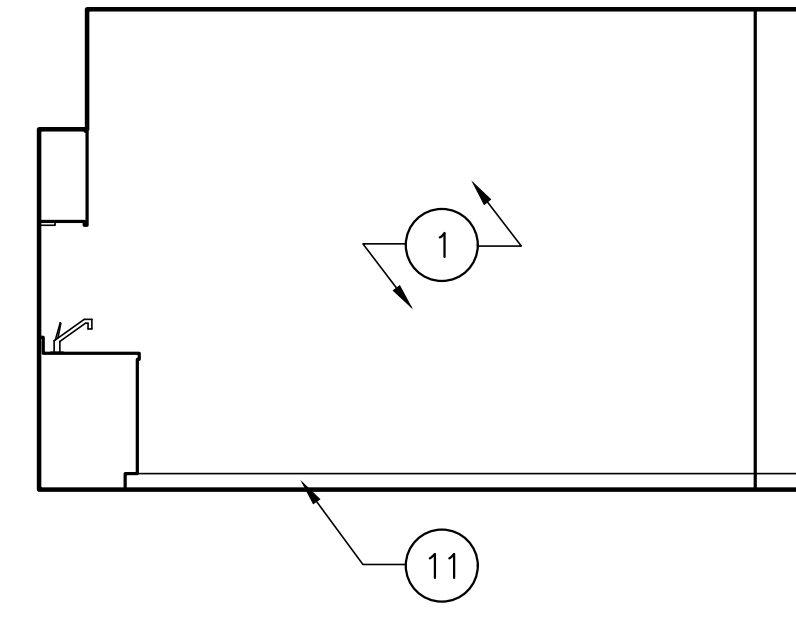
- 1 PAINTED GWB
- 2 CERAMIC TILE
- 3 CORNER GUARD(S)
- 4 SOLID SURFACE COUNTERTOP
- 5 TOILET PARTITION
- 6 WALL CLEANOUT (WCO)
- 7 WALL MOUNTED LIGHT
- 8 LAVATORY
- 9 TOILET
- 11 BASE - SEE ROOM FINISH SCHEDULE
- 12 WOOD SLAT WALL

TOILET ACCESSORY TABLE

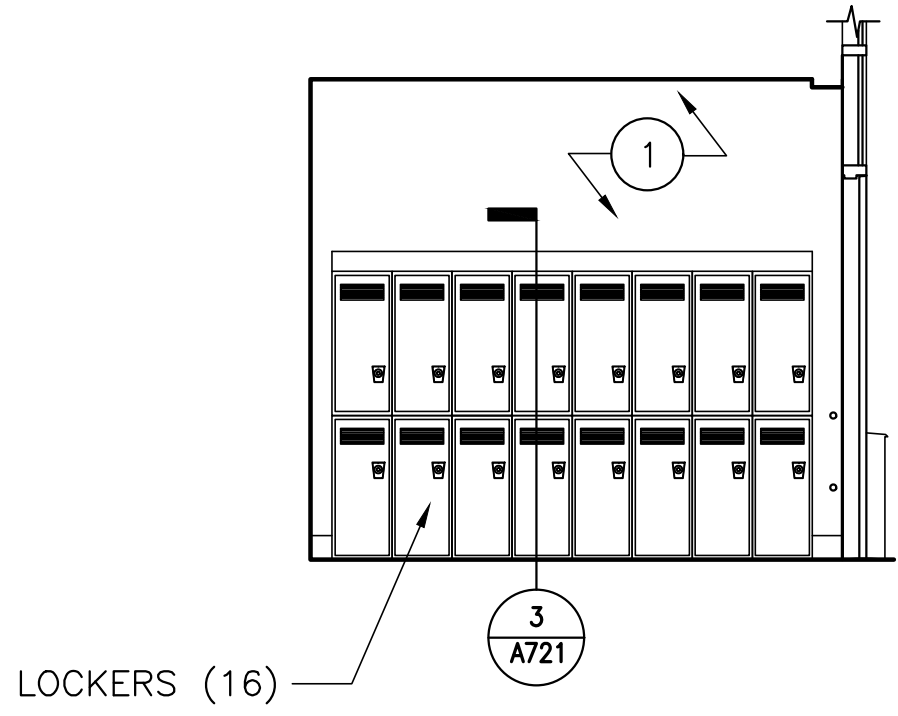
FIXTURE NUMBER	DESCRIPTION
TA1	Toilet Tissue Dispenser
TA2	Napkin Disposal, Surface-Mounted
TA2a	Sanitary Napkin Disposal, Partition-Mounted
TA3	Electric Hand Dryer
TA4	36" Grab Bar
TA5	42" Grab Bar
TA6	Sanitary Napkin Vending
TA7	Toilet Seat Cover Dispenser
TA8	Counter Mounted Soap Dispenser
TA9	Coat / Robe Hook
TA10	Shelf / Mop Holder
TA11	Mirror(s)
TA12	Paper Towel Dispenser
TA13	Undercounter Waste Receptacle
TA14	Wall Mounted Waste Receptacle And Paper Towel Dispenser
TA15	Wall Mounted Diaper Changing Station; MFR and Model TBD



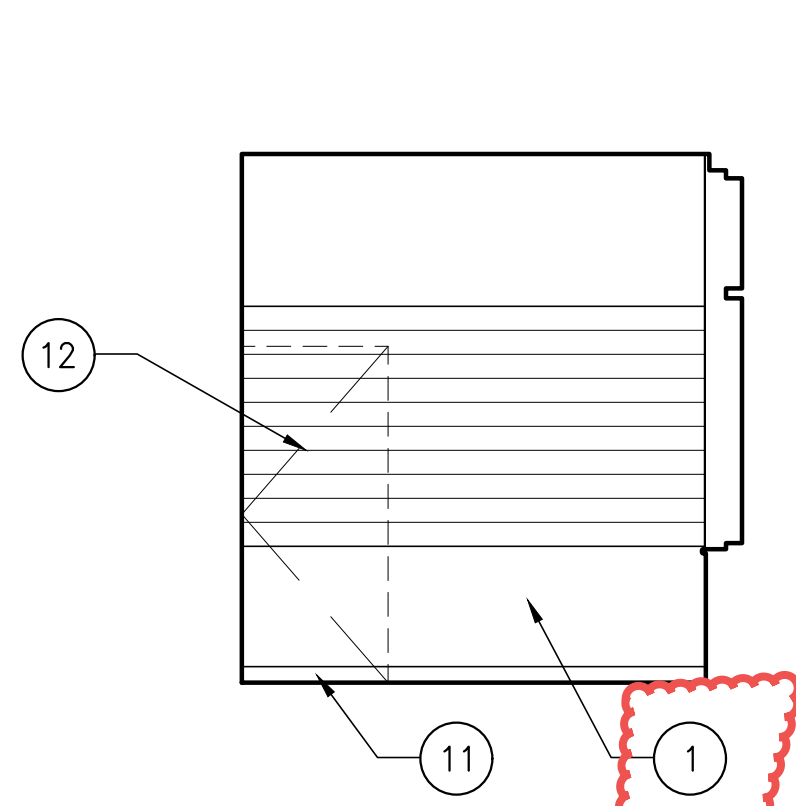
5 BREAKROOM / KITCHEN (115)
1/4"=1'-0"



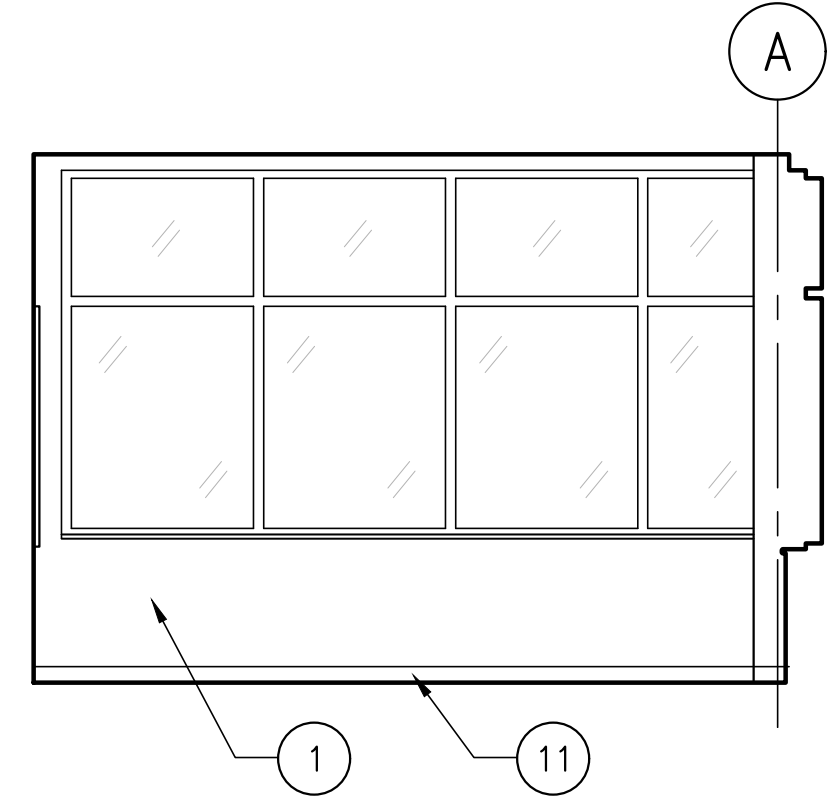
6 BREAKROOM / KITCHEN (115)
1/4"=1'-0"



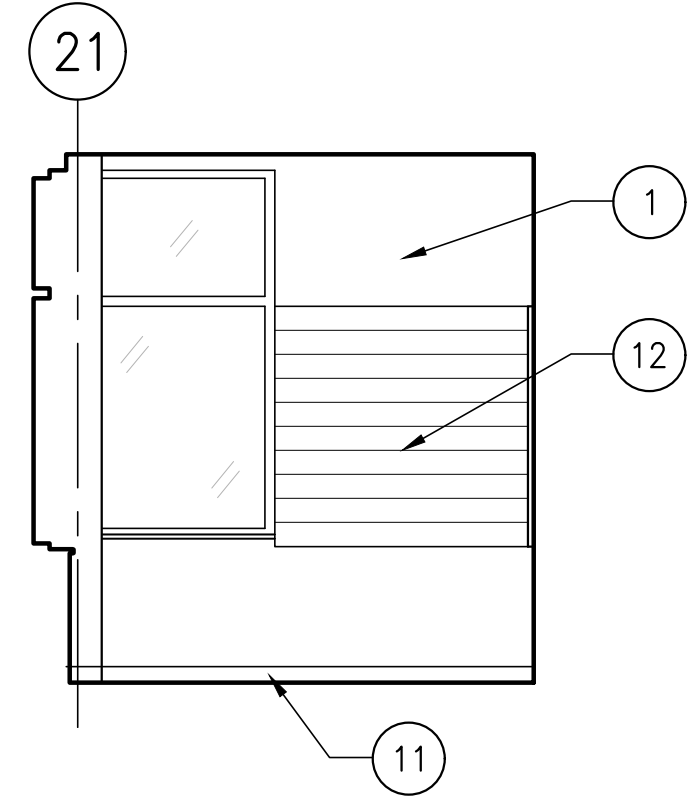
7 BREAKROOM / KITCHEN (115)
1/4"=1'-0"



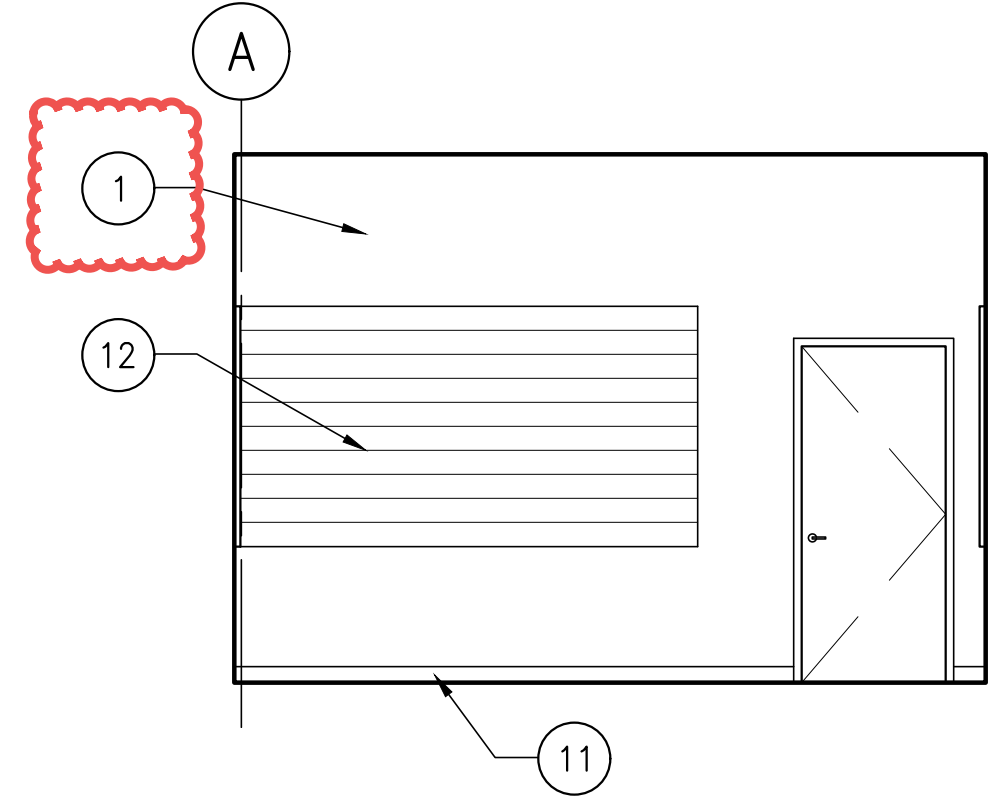
8 OFFICE (109)
1/4"=1'-0"



9 OFFICE (109)
1/4"=1'-0"



10 OFFICE (109)
1/4"=1'-0"



11 OFFICE (109)
1/4"=1'-0"

AMENDMENT #8 UPDATES:
- REVISED KEYNOTE TAGS
- REMOVED KEYNOTE 18

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SHEET NUMBER

A712

STATE OF MAINE
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DATE	
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WIN NO:	017163.03

SIGNATURE

ARCH. LIN. NUMBER
ARC5292

DATE
JANUARY 17, 2022

PROJECT INFORMATION
PROGRAM
PROJECT MANAGER
DESIGNER
CONSULTANT
PROJECT RESIDENT
CONTRACTOR

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

ROOM ELEVATIONS III

PROJECT COMPLETION DATE